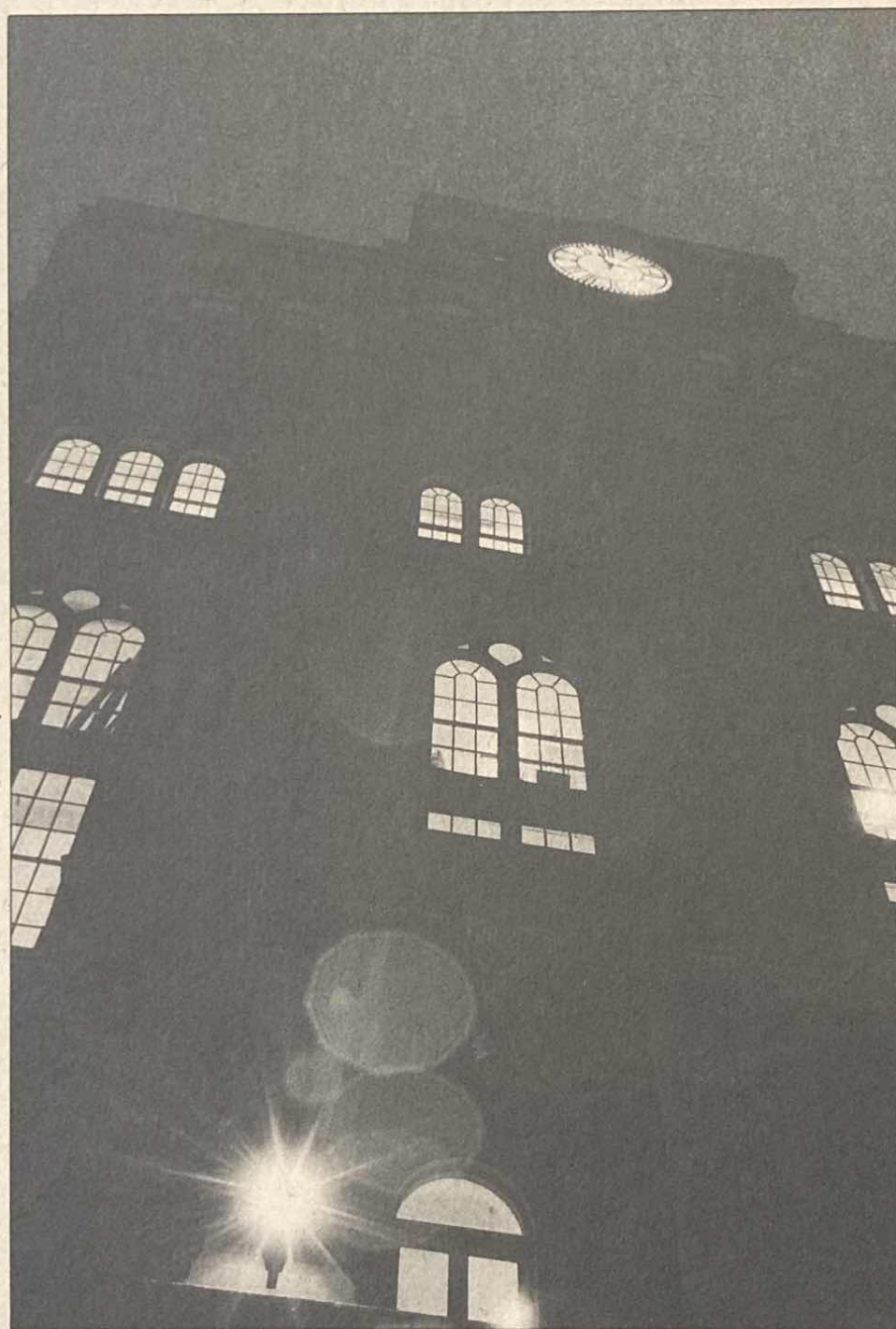
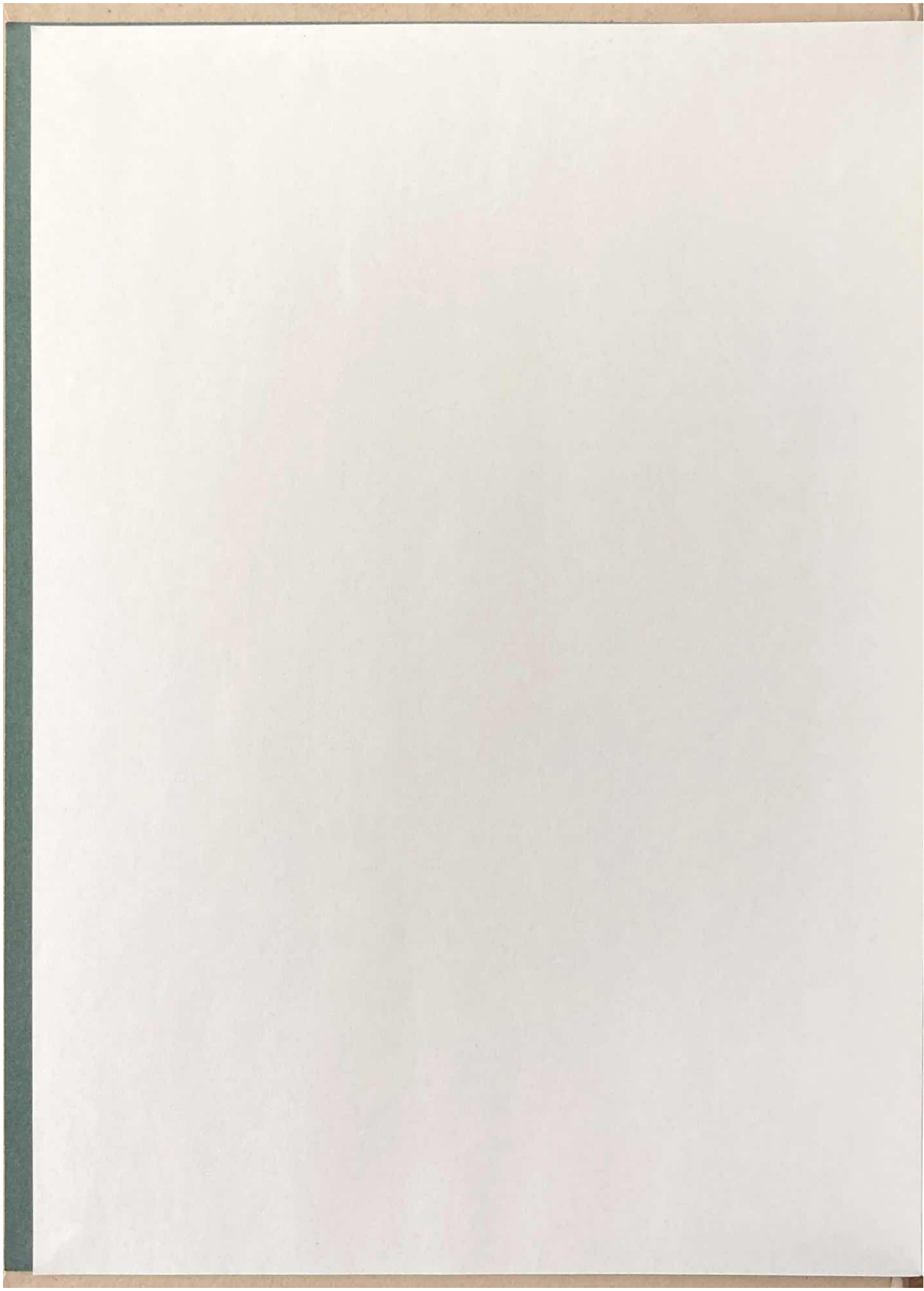
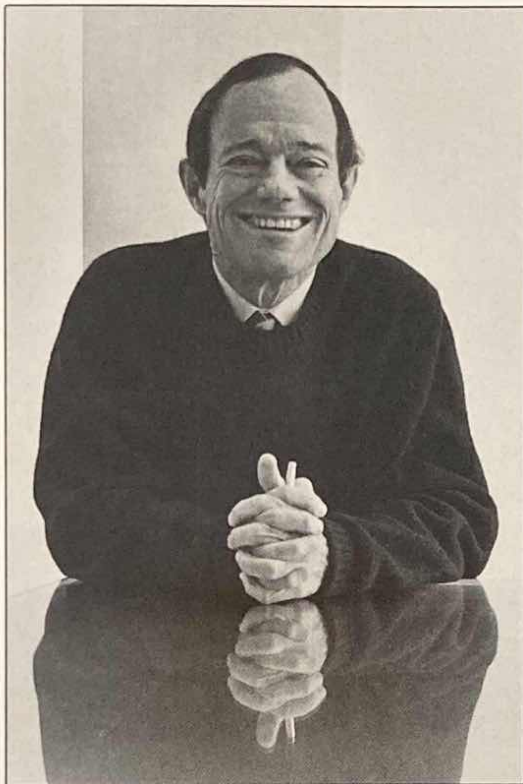








The Cooper Union for the Advancement of Science and Art



The Big Picture

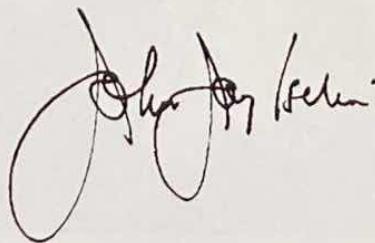
You know well of Cooper Union's remarkable constancy. From its earliest hours, it has adhered to an elevated expectation of its students—and of itself. A quarter-century ago, the College translated its aspiration into a simple statement of its academic objective:

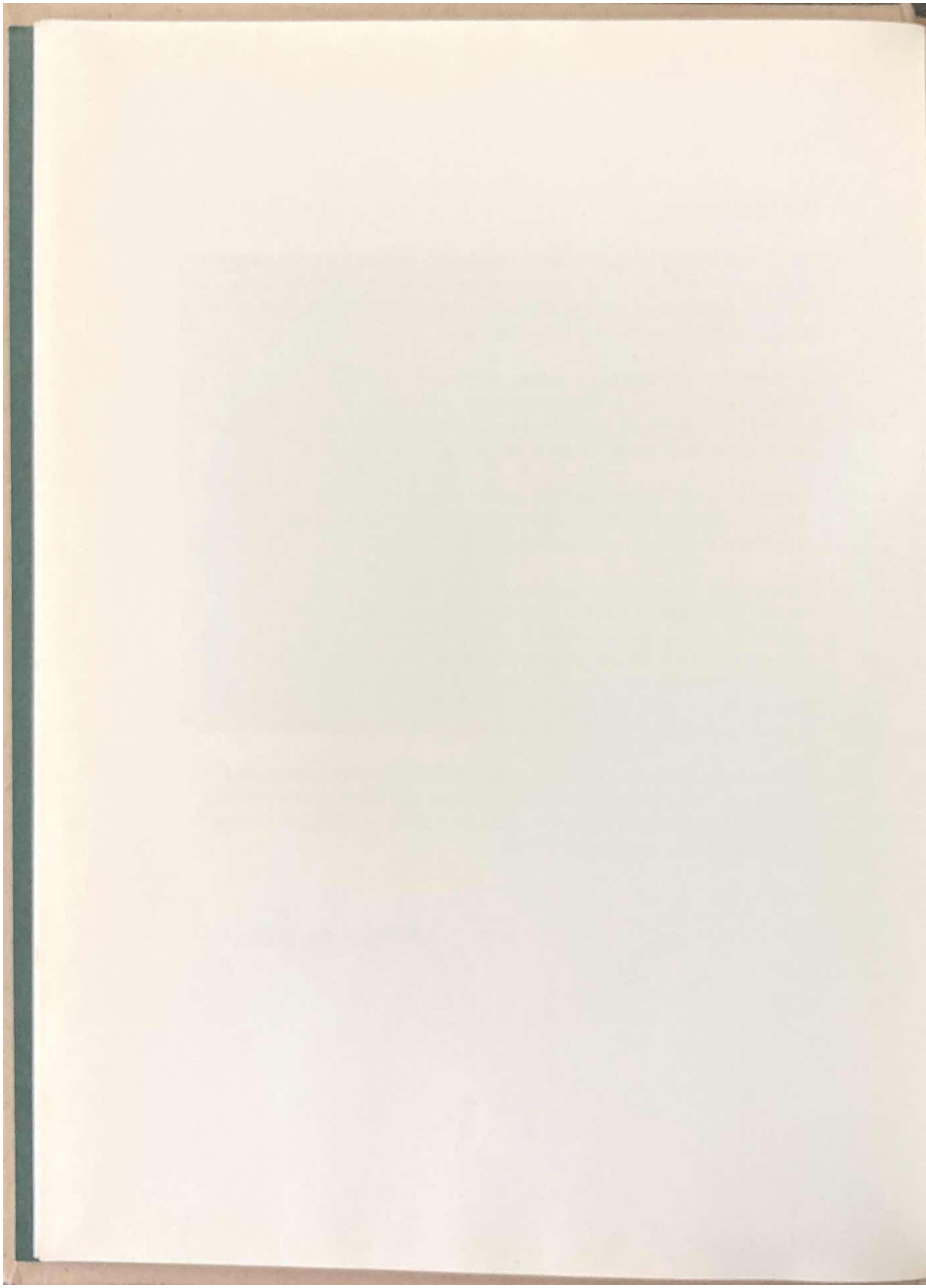
"To develop in the individual student the maximum potential of which each is capable. Such development places primary emphasis on the ability to think for oneself, the capacity for self-reliance and self expression and the stimulation of latent faculties for creative work."

Periodically, the Union revisits its mission. Your own time of commencement, coming at the cusp of a new century, is such an occasion. The aim is to frame and focus a compelling picture that guides Cooper's progress.

During your senior year, a working group of students, faculty, staff and trustees has begun to distill a fresh mission statement for Cooper Union. Implicit in any such formulation is an expectation that you will learn well and will lead well. By that constant standard, your College believes your own achievements are substantial and your possibilities are boundless. Already, you surpass The Cooper Union's high hopes for your capabilities. In depth and breadth of learning, you embody its demanding expectation.

Collectively, you clearly get the big picture! By Cooper's encompassing criteria, you have demonstrably come to learn and you leave to lead. In your rewarding alumni years, you will surely assist your College's steady advancement to a more perfect Union.

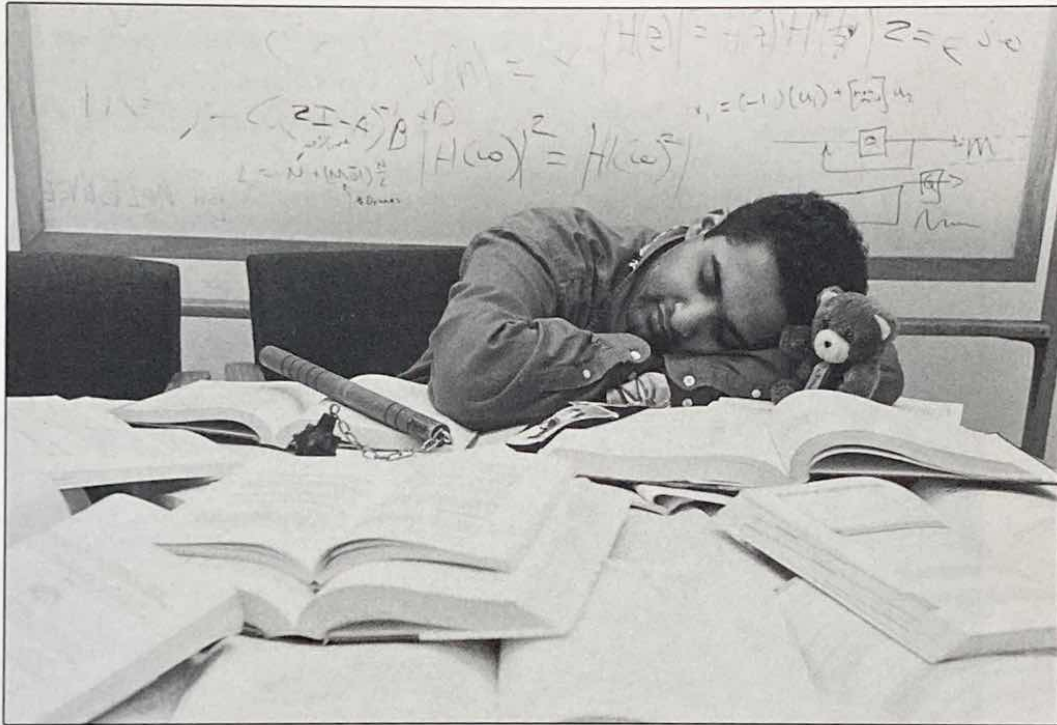
A handwritten signature in dark ink, appearing to read "John J. Behr". The signature is fluid and stylized, with a large loop at the beginning and a trailing flourish.





Class of 1998



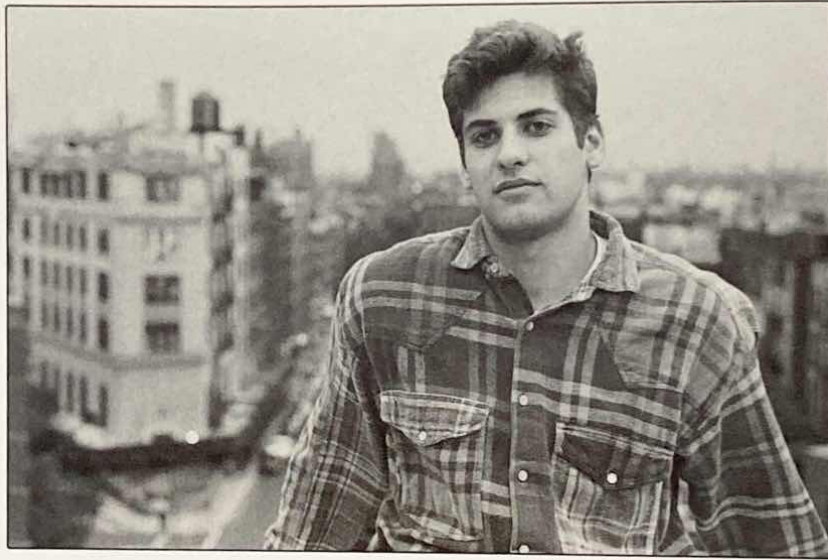


7

Sajjan Abraham

The more that you read,
the more things you will know.
The more that you learn,
the more places you'll go.
— I Can Read With My Eyes Shut!

Please let me be.
Please go away.
I am NOT going
to get up today!
— I Am NOT Going To Get Up Today!



Eugene Agichtein

Arnold Scott Alcid

Don't rake up my mistakes
I know exactly what they are
and... what do YOU do?
well... you just SIT THERE

I've been stabbed in the back
so many many times
I don't have any skin
but that's just the way it goes

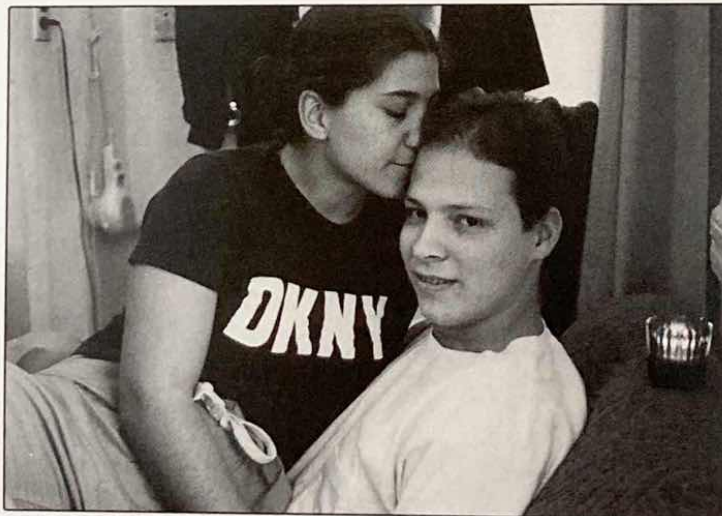


9

Sing me to sleep
I don't want to wake up
On my own anymore
Don't feel bad for me
I want you to know
Deep in the cell of my heart
I really want to go

There is another world
There is a better world
Well, there must be

Bye bye



Carrie Andre and Andrew Zentner

Eric Azcuy



11

A change of environment fosters new creativity.

Lucky numbers 22, 20, 14, 12, 4, 29



12

Denise Bergin

Stacey Bhaerman



13

"I will learn how to run with the big boys
I will learn how to sink and to swim"

—Sinéad O'Connor



Irene Bodonenko

To Whom It May Concern:

I would like to thank my grandparents for the genes;
my mom for financial and emotional support;
my dad, great guy Joe, for constructive criticism;
my friends, classmates and upperclassmen for advise;

and, of course,

Waqar Ali for love and always being there for me.



15

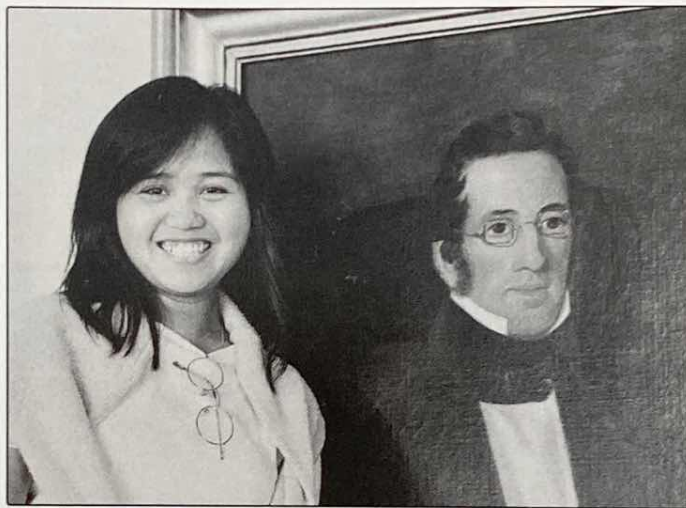
Heather Cahoon



Inhwon Chang

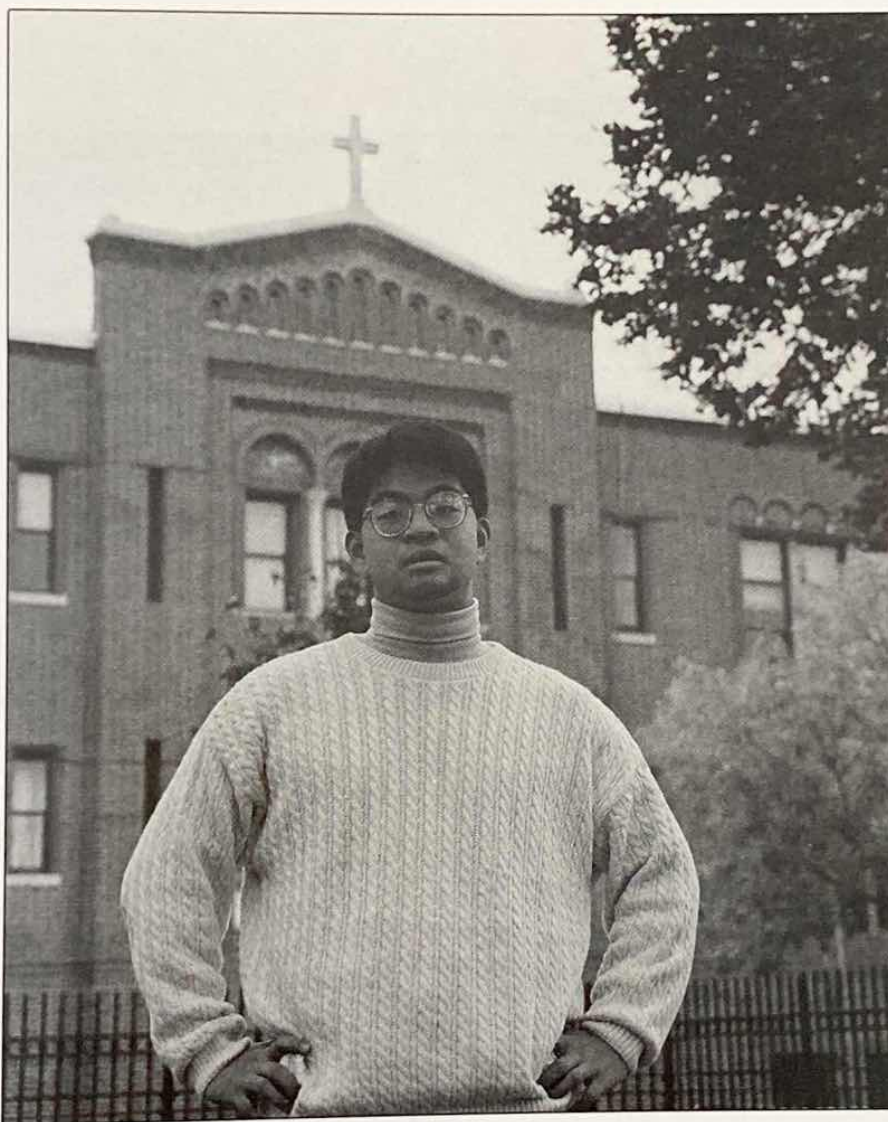
Gloria Cheng





Jenny Cheng

Peter Cooper



19

Yee-Ming Chih

Nights in Cooper are long;
but nights in hell are longer.
Days in Cooper are short;

and the rest of our lives are shorter.

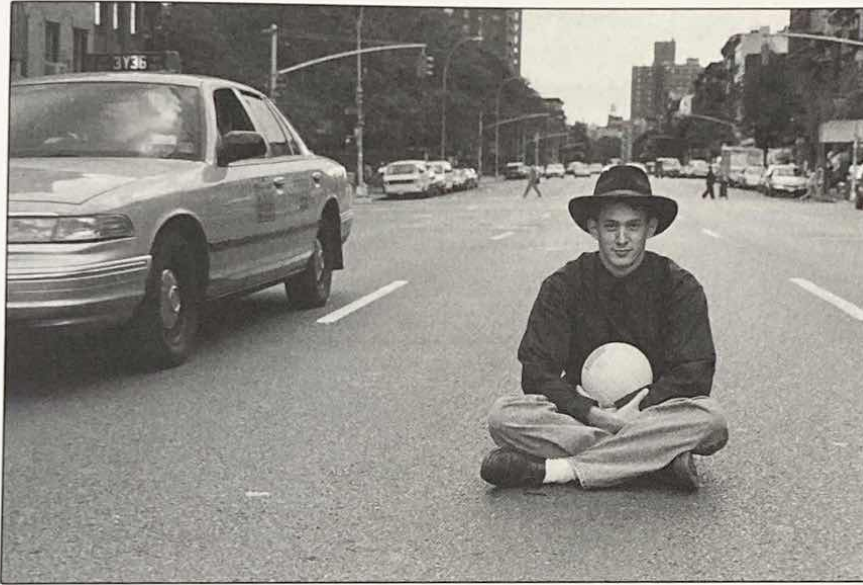
My 4 years in Cooper:

ΔH sorority,
CUCC,
Mr. Qoobah,
Pochacco,
stuffed animals,
Central Shop,
ME labs,
humanities,
stress,
commuting,
Smokey,
orientation,
pumpkin carving,
and all of you; my Cooper friends and my family.

20



Doris Chin



Brian Scott Chiongbian

21

Then wear the gold hat, if that will move her;
If you can bounce high,
 bounce for her too,
Till she cry "Lover, gold-hatted, high-bouncing lover,
 I must have you!"

– Thomas Parke D'Invilliers

Kevin Chou



22

"Put me down you fools!"

Memorable quotes from Wheatman:

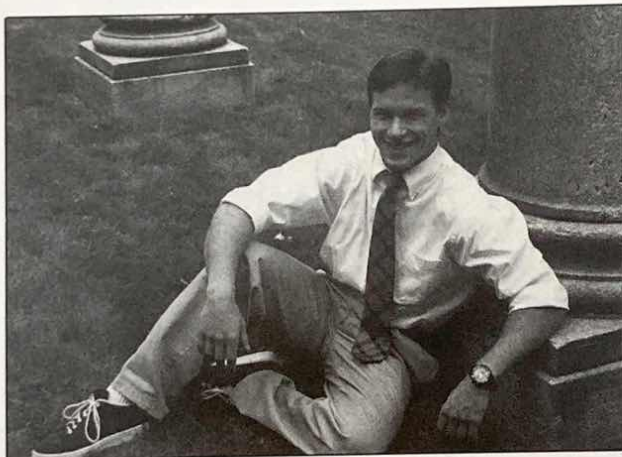
1. What? Corn bread is made of wheat?
2. What does the term "celibacy" mean?
3. I am failing out of school!



23

Annisia Cialone

Let's take the cheese.
— Otter Succisa Virescit



24

Jack Craft

Sean Cusack

Well, I've earned my degree
and found my true friends
and my true loves.



25

These things I shall never forget!
Now, I come upon a fork in the road.
I pick the fork up; is it the fork
of business school or the salary fork?

Jya ne, Cooper! Sayonara



26

Masha D'yans



Charles Daniel

27

Kisses for those who love me
Bullets for those who hate me
...man, do I need a lot of bullets.

(excerpt from the 'enforcer's secret crypt
of spiritual verses for the destruction of
all human institutions')

John Davis

The secret to life...
replace one worry with another...

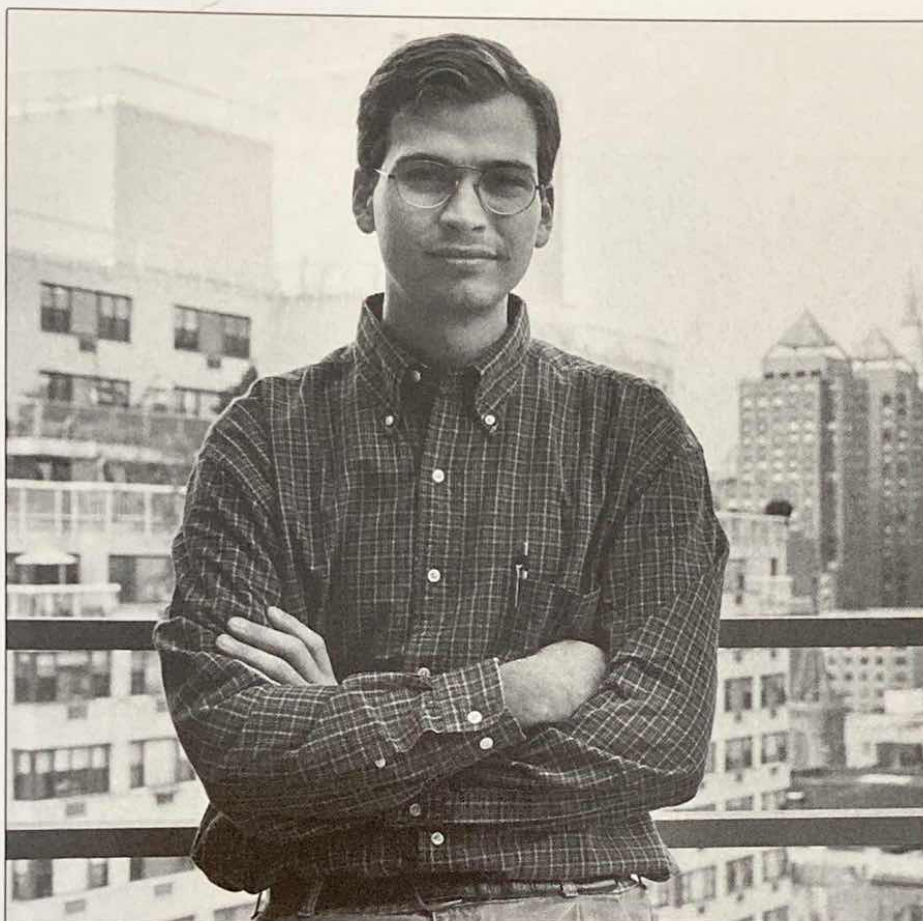
-Charlie Brown



28

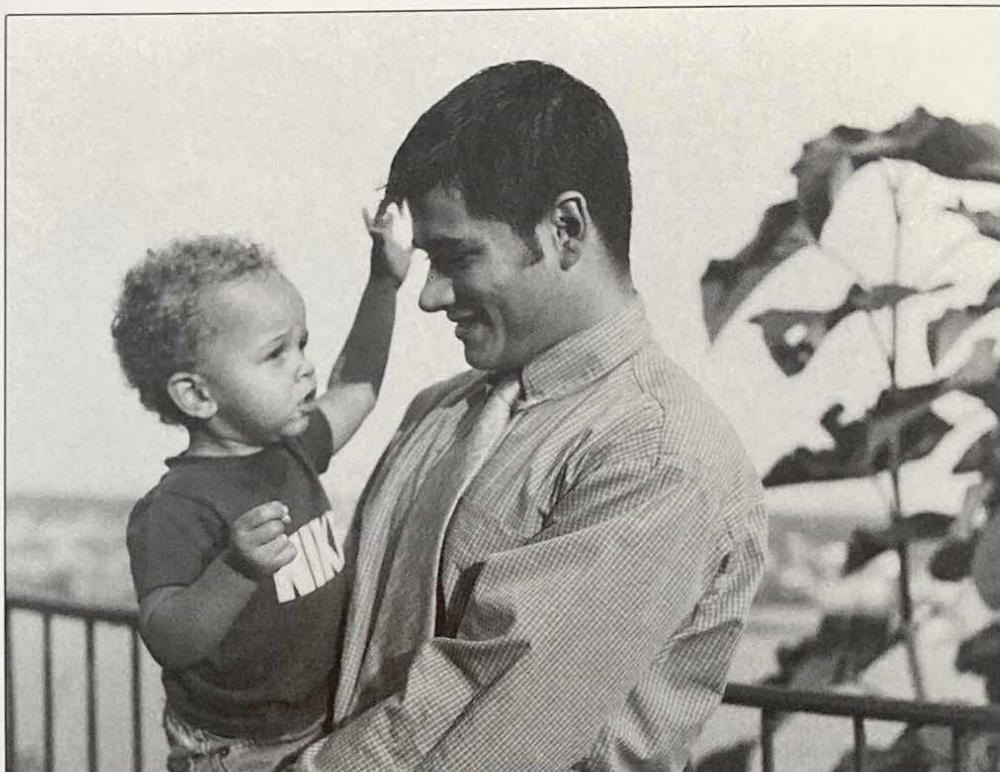
Thanks to all my family and friends
who have helped me
take the road less traveled.

"With love and patience, nothing is impossible."



29

Javier Del Castillo

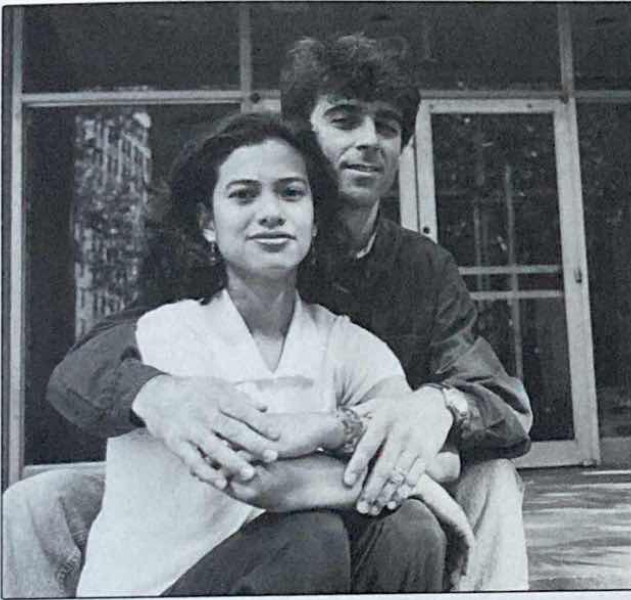


30

Michael Dominelli

Usually the children would play marbles
but some would listen to Ze Tarrinha
telling stories to the townspeople about
the far away places where he had been.

Their hearts would be filled,
their minds free and later they
would become Poets or Gypsies or both.



Sergio Dos Santos

31

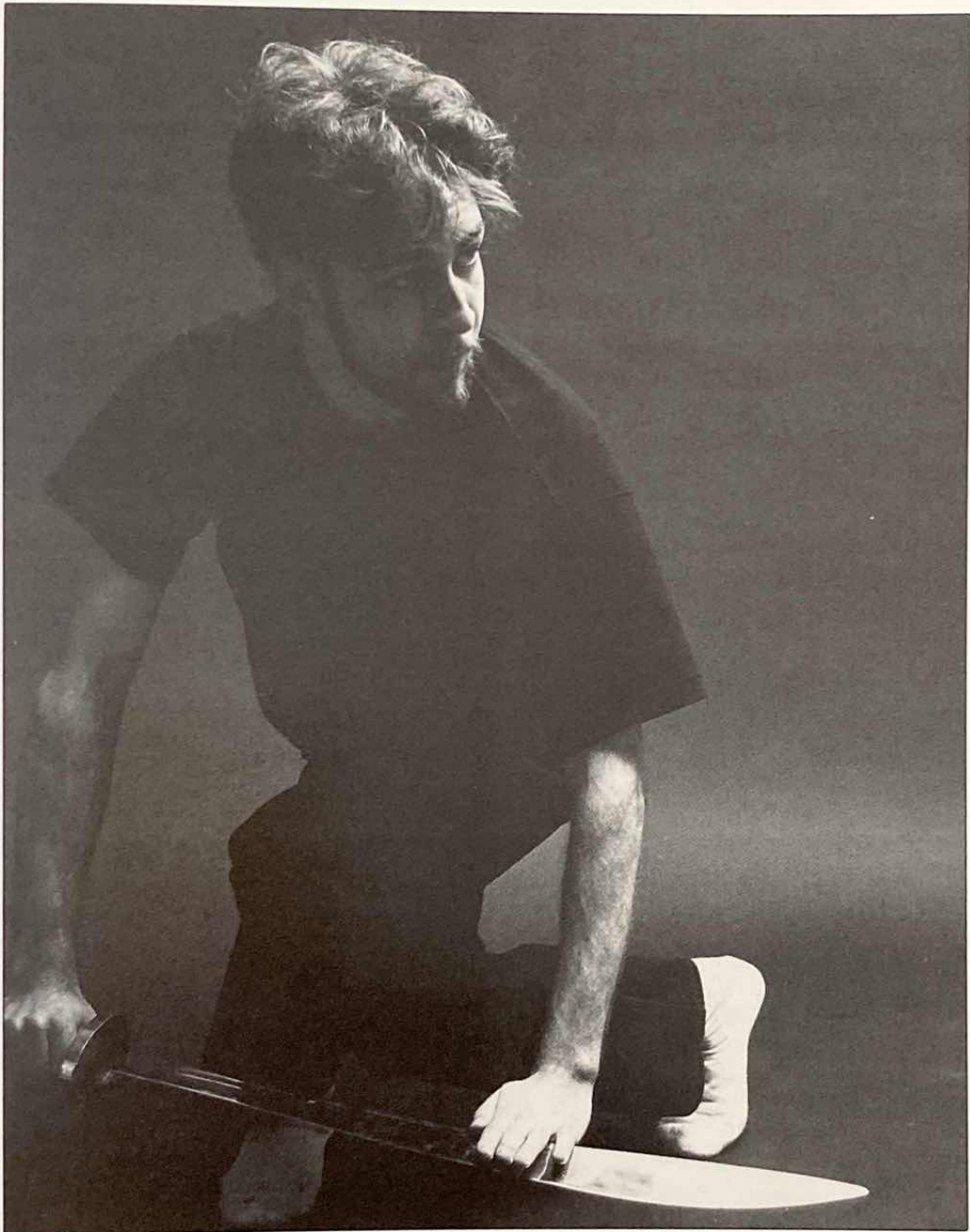
Blanca, Mais que obrigado
pelo teu apoio e amor,
desde as horas mais difíceis aos
momentos mais felizes.

Te quiero mucho my cholita.

-Sergio

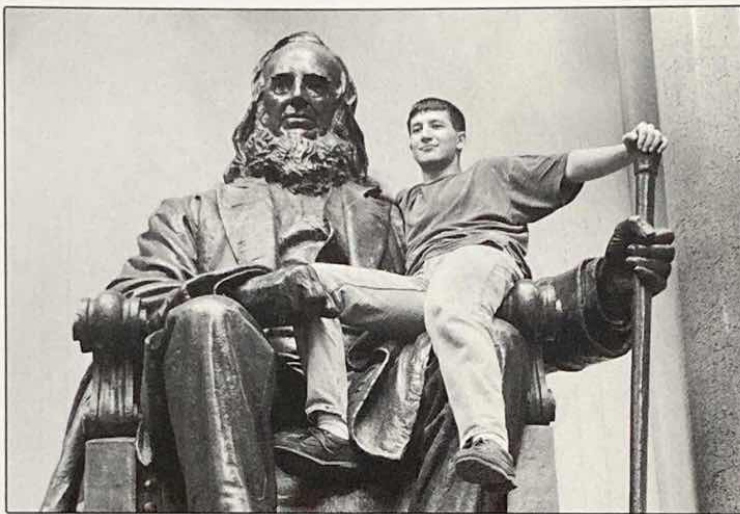


Nekisha Durrett



33

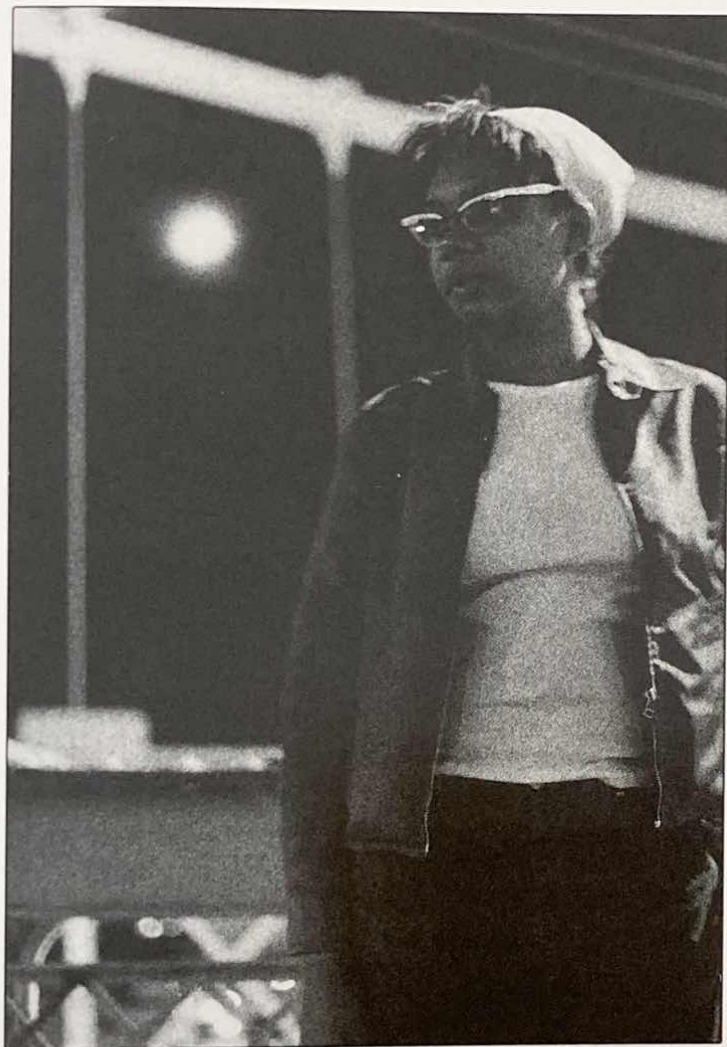
Sean Elwood



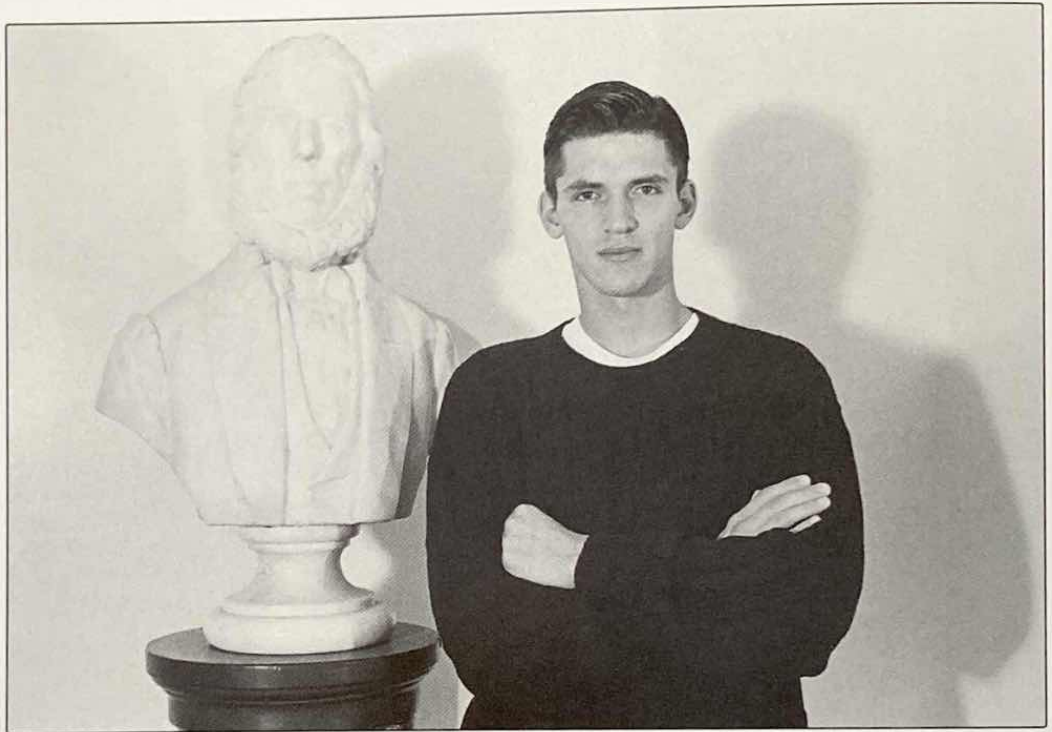
Joe Fedullo

“Laugh you dreary people,
But what will you do for laughs next week
When I am gone from here?”

—Truman Capote



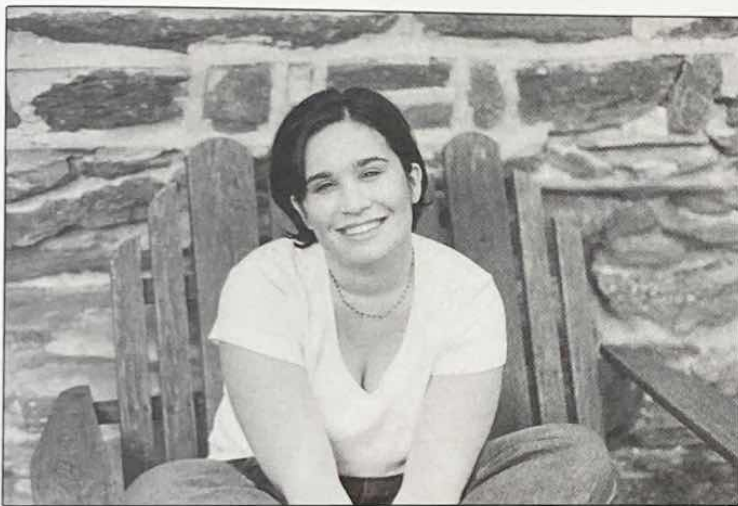
Renée Juliet Ferguson 35



Peter Cooper

Teodoro Fernández

Erinn Kathleen Fitzgerald



37

Whom have I in heaven but you?
And being with you,
I desire nothing on earth.
My flesh and my heart may fail,
but God is the strength of my heart and my portion forever.

– Psalm 73:24–26

It is for this fact and this fact only
that I have come this far.

Mom, Dad and Justin.
I love you.

Thanks to all my family and friends for your support.

No Brian,
I will not be coming in early.

At the end of the day:
Yes, I will walk up to W4th.

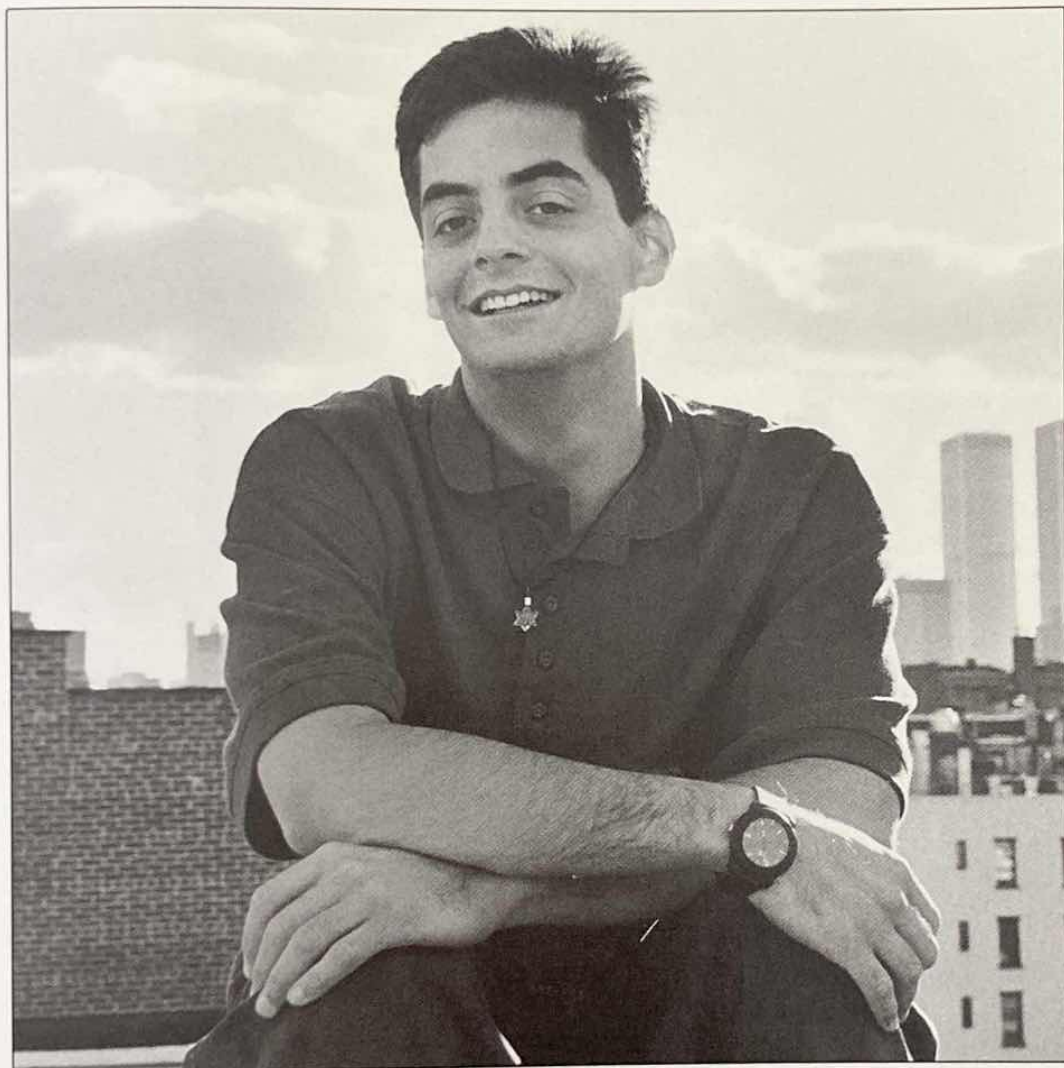
38



Robert Forstner

Marc Frankel

Tina, the loneliest chapter is now complete.



39

I thank all who made these past four
years as great as they have been.

For those going on to the enrichment
of higher education and those seeking
the en'rich'ment of a J-O-B,

I wish you luck.



"The best way to predict your future is to make it."
- Anonymous

Michael Gallagher



Jason Gonzalez



42

Christopher Gracia

This page is dedicated to
the person that stood by me
on this tightrope for the past four years.

Paula, thank you and I love you.

Oh Kevin, by the way...

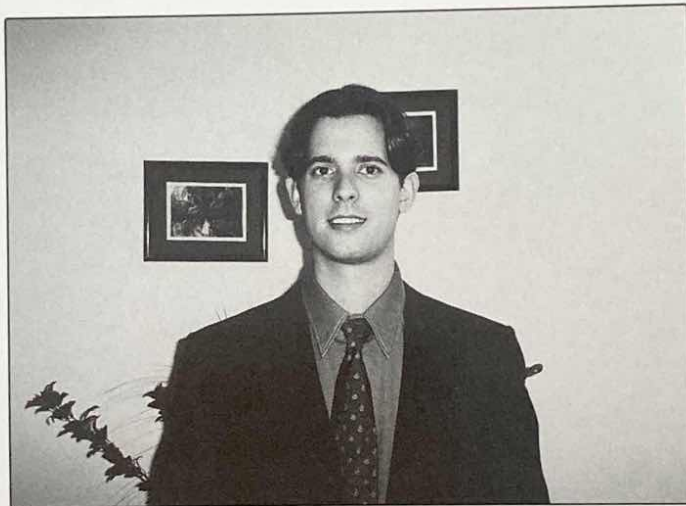
SHE IS NOT CHINESE !

Mom, Thanks for the **strength** you gave me to carry on.



Natalia Griffin

David Harron



44

What a piece of work is a man.
How noble in reason.
How expressed and admirable in action,
How like an angel in apprehension.
How like a god.
The beauty of the world,
the paragon of animals.



45

Sara Rebecca Haskins

Gregory M. Hebel

Thanks to my mom,
family,
friends,
teachers,
Cooper Union,
Bronx Science,
and most of all, the woman I love,



46

Suzanne.

I couldn't have done it without any of you.
All my best, and good luck to all!



Amanda I-hua Hsieh

“Twenty years from now you
will be more disappointed
by the things that you
didn't do
than by the things you
did do.

So **throw off** the bowlines.
Sail away from the safe harbor.
Catch the trade winds in your sails.

Explore.
Dream.
Discover.”

– Mark Twain



Lei Huang

And now **here** is my secret,
a very **simple** secret:
it is only with the **heart** that one can see rightly,
what is **essential** is invisible to the eye.

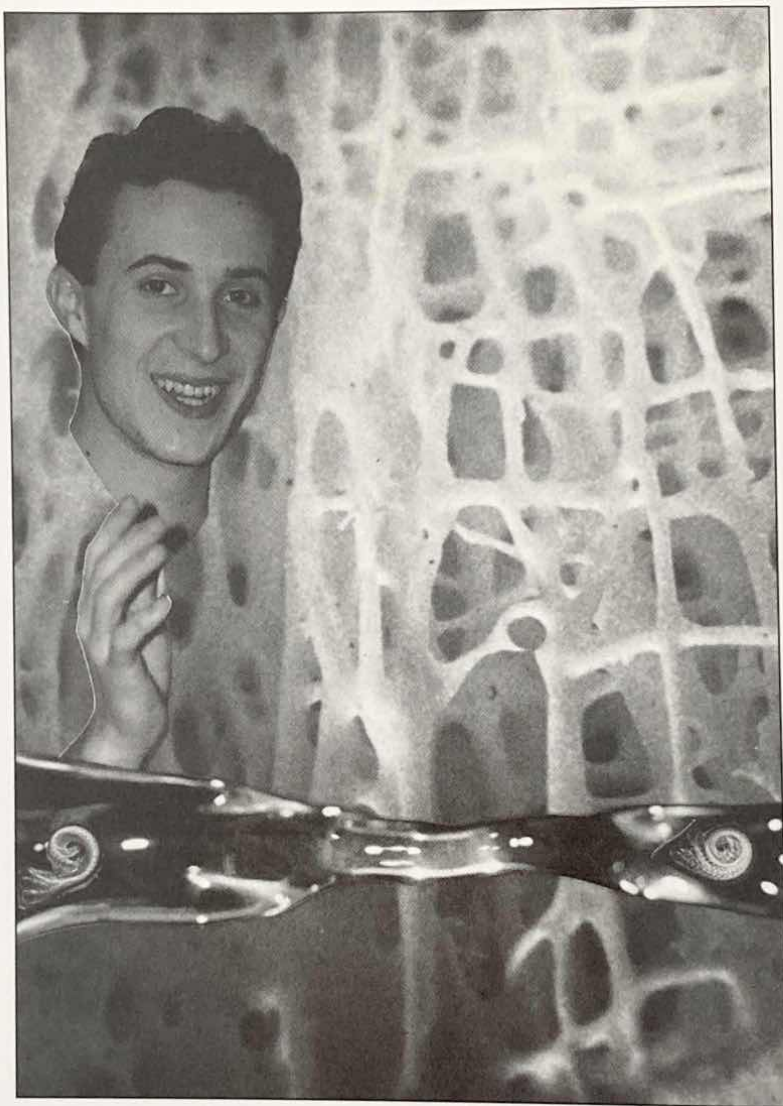
— Antoine de Saint-Exupery

Special thanks to:
Mom, Dad, Yoyo, Jimmy, and PETER.

Endless thanks to all those who have helped me maintain a shred of sanity through these four years: My Parents, Zeta Psi, Nandita, Gerstle, my Lab groups, the Dean's Office Ladies, and the rest of my family and friends. You made it happen. **Paul Inwards**

49





gravity curves
rotation spirals
inverse chaos vibrations

Katan Iskhakov

Ashwin Jathavedam

An exhausted man is much more than a weary man.
Does he exhaust the possible because he is
himself exhausted,
or is he exhausted because
he has exhausted the possible?
He exhausts himself by
exhausting the possible, and inversely.





Courtney Jimerson



Sanjeevanee Joshi

Thanks to everyone who
helped me get this far.

These four years at Cooper have
been far from easy for me,
and I never would have made it
without such great friends.

Thank you especially to my family:

**Mom,
Dad,
Ashu and
Hemangi.**

Without you I'd be nothing.
I love you.

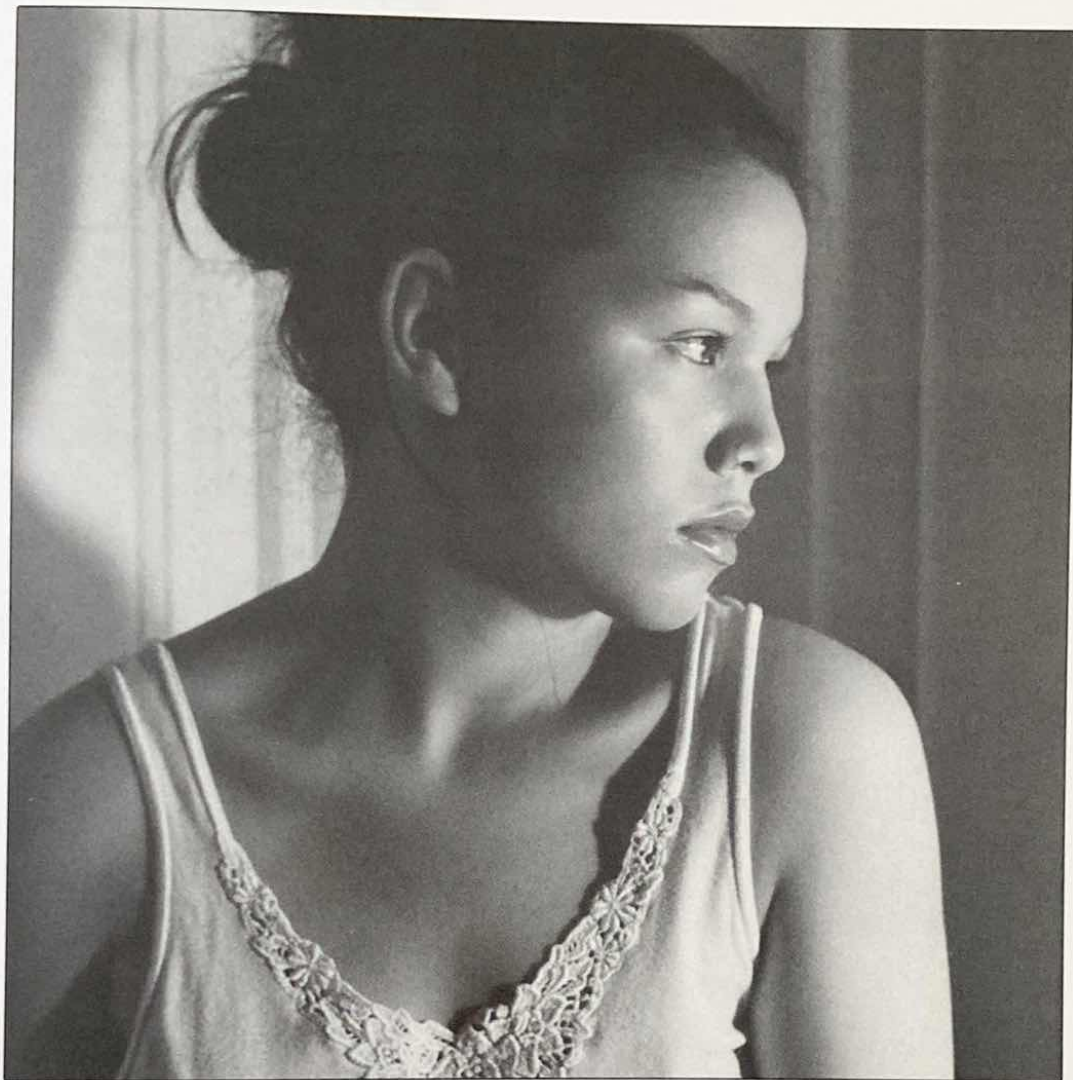
“There is only one happiness in life,
to love and be loved.”

— George Sand



54

Nicole Kahl



55

Joanna Isobel Kelly



56

Banghan Kim



1st year: underground bistro

2nd year: juliana NY

3rd year: nix

4th year: diablo

Where to now?

57

Hell, if life is a waste of time,
and time is a waste of life,
then let's all get wasted together
and have the time of our lives.

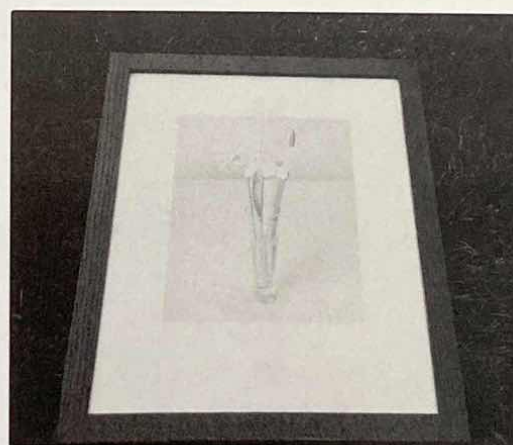
Eubin Kim



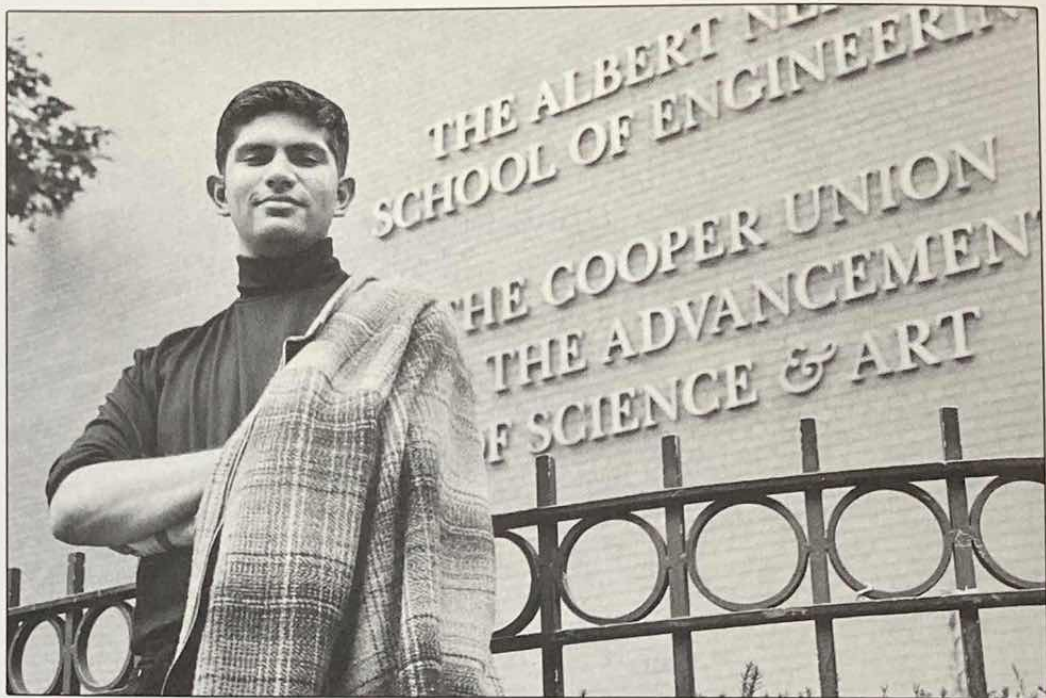
Helmina Kim



Nuri Kim



59



60

“That it will never come again
Is what makes life so sweet”

To my parents: Thank you for all your
love and encouragement.

CG,

SA,

SL,

SL,

AS,

GL,

KC,

JD,

WL:

Guys, don't forget the great time we've had.

Go out there and make us proud.

Frank B. Krupicka



61

Ten years from now,
I can look up and say "I designed and built that!"

Isn't Civil Engineering great?

fortune,
favor,
happiness,
love, and
power

— seek **wisdom** first, and the rest shall follow.



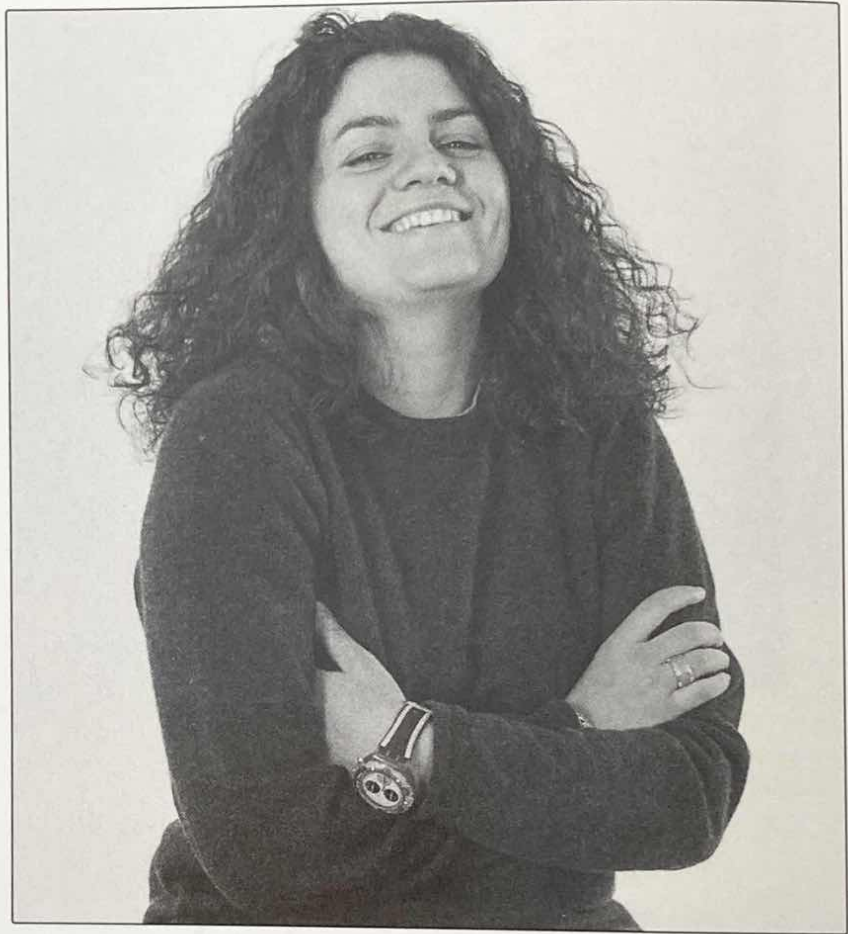
Nandita Kundu

"In order to succeed,
we must first believe we can."

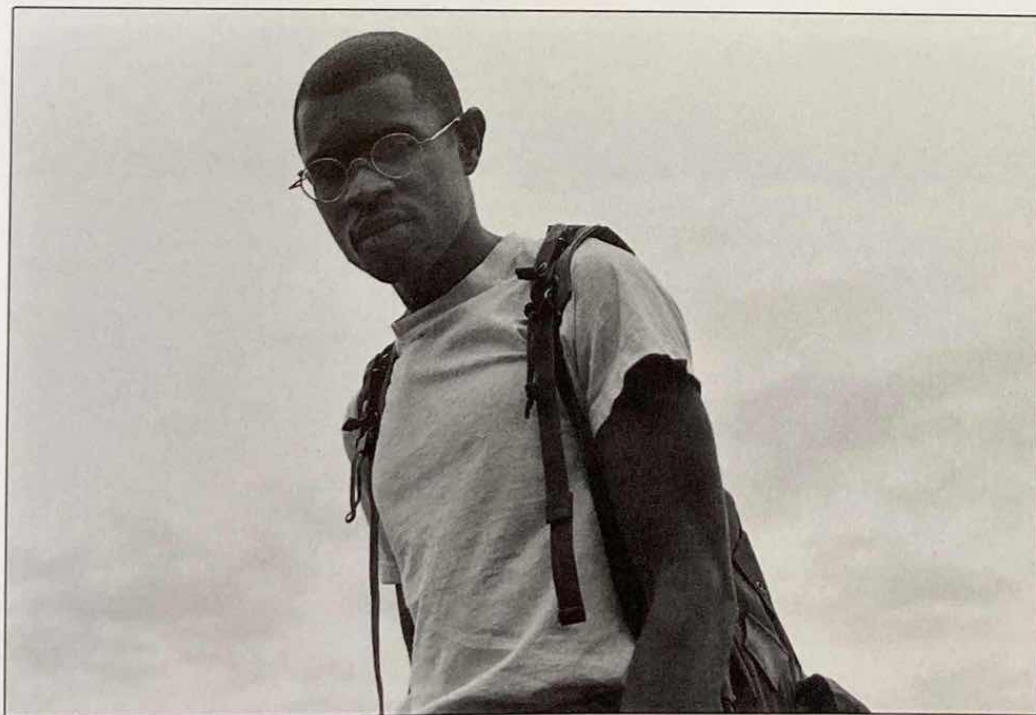
And then you have to work 'til you drop.
But we must not forget to smile (and sleep!) every so often.



Linne Shizuka Lalire



Iris Lapas



65

Don Lawrence



James J. Lee

Ellen Li

"There is no future...
There is no past..."

— Rent, Jon Larson





Michael Lin



69

Walter Lin

Through four years of Cooper endured,
Friends and knowledge have I procured.
From long sleepless nights,
To free food delights,
Memories to treasure ensured.



Gabriel Loh

April 1st is the day upon which we are reminded what we are on the other 364.
— Mark Twain



Simon Lok

71

1994:

"Mapping? What's that?"

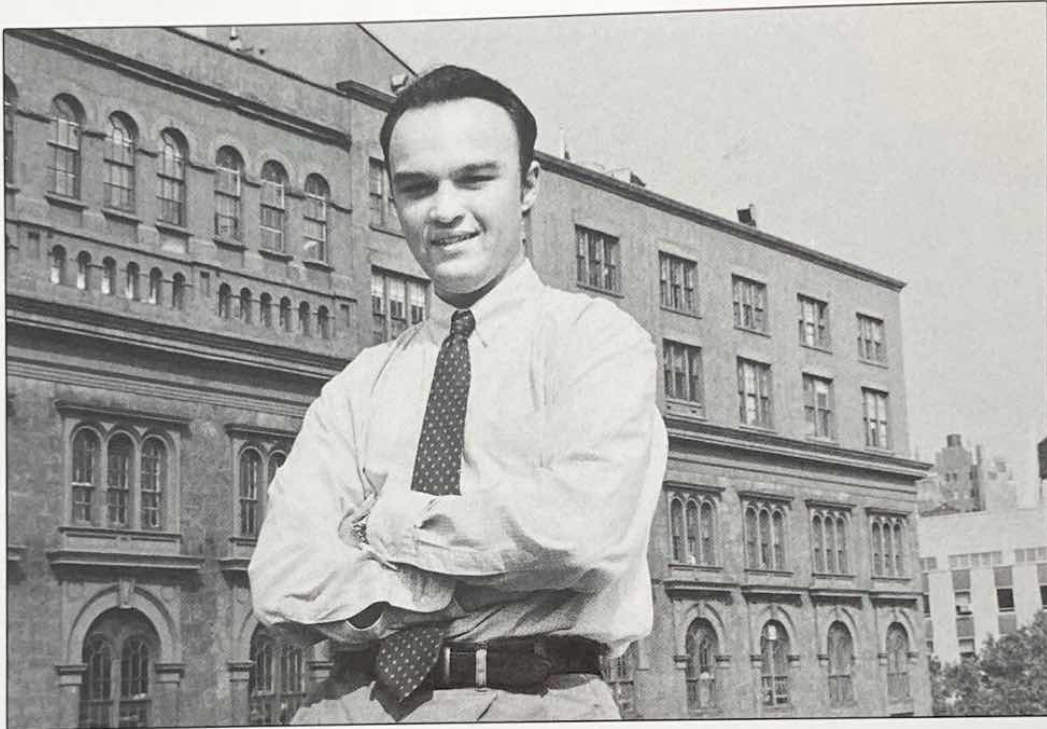
1996:

"What? You're crazy! The world is not just a mapping!"

1998:

"Ultimately, every single thing in the universe comes down to a mapping."

Kelley Lowery



72

If, "**manners maketh man**" as someone said,
Then he's the hero of the day.
It takes a man to suffer ignorance and smile.
Be yourself no matter what they say.

- Sting

"You can forget my name
and the songs I've sung,
every rhyme and every tune.
But remember the truth of Jesus' love,
when all is said and done."

- Geoff Moore



73

Thank you God for your love and grace.
Thank you all for a great 4 years.

Stephen Lu



Jessica Anne Mazouat

To my friends:

May the road
Rise up to meet you
May the wind
Be always at your back
May the sun shine warm
Upon your face
And rains fall soft
Upon your fields
And until we meet again
May God hold you
In the hollow of His hand.

To those I luv: Thanx!
I DID IT!



75

Kristoffer Koh McKee

Years from here
We'll look back and treasure
These moments forever inside our hearts
And from here to there
We made a million memories
That we have shared
Years from here
Thank you,
family and friends,
for the memories at Cooper.
I love you all.



76

James Merizio

The future is not something we enter,
it is something we create.

Sally Mikhail

Meaningless

In much wisdom is much grief

Man can do nothing

better than eat drink &

find satisfaction in work

– Ecc 1:2,18 2:24



77

The scientist does not study nature

‘cause it is useful but

‘cause he delights in it &

‘cause it is beautiful

– Poincare

Hey Rob,
you coming in early tomorrow?

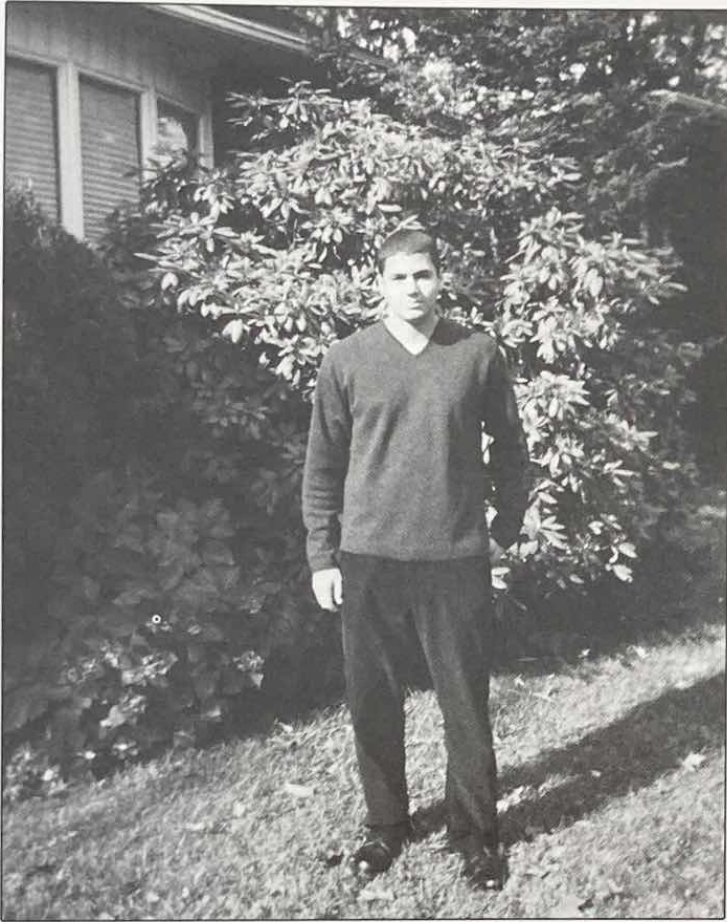
At the end of the day:
Hey Rob, you walk-in' up to W4th?

78



Brian Mills

Note: Substitute Rob with Foote or Frank.



Omar A. Moustafa



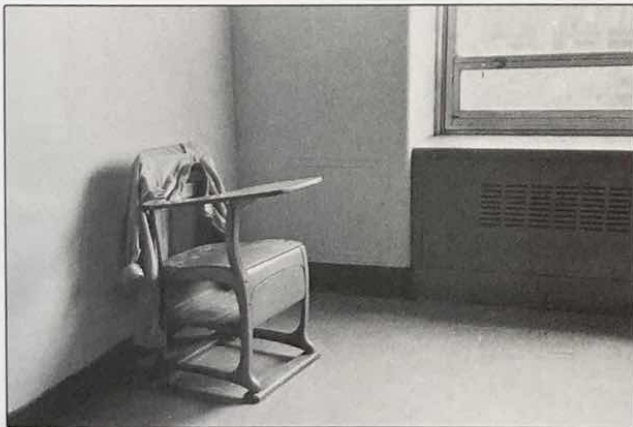
80

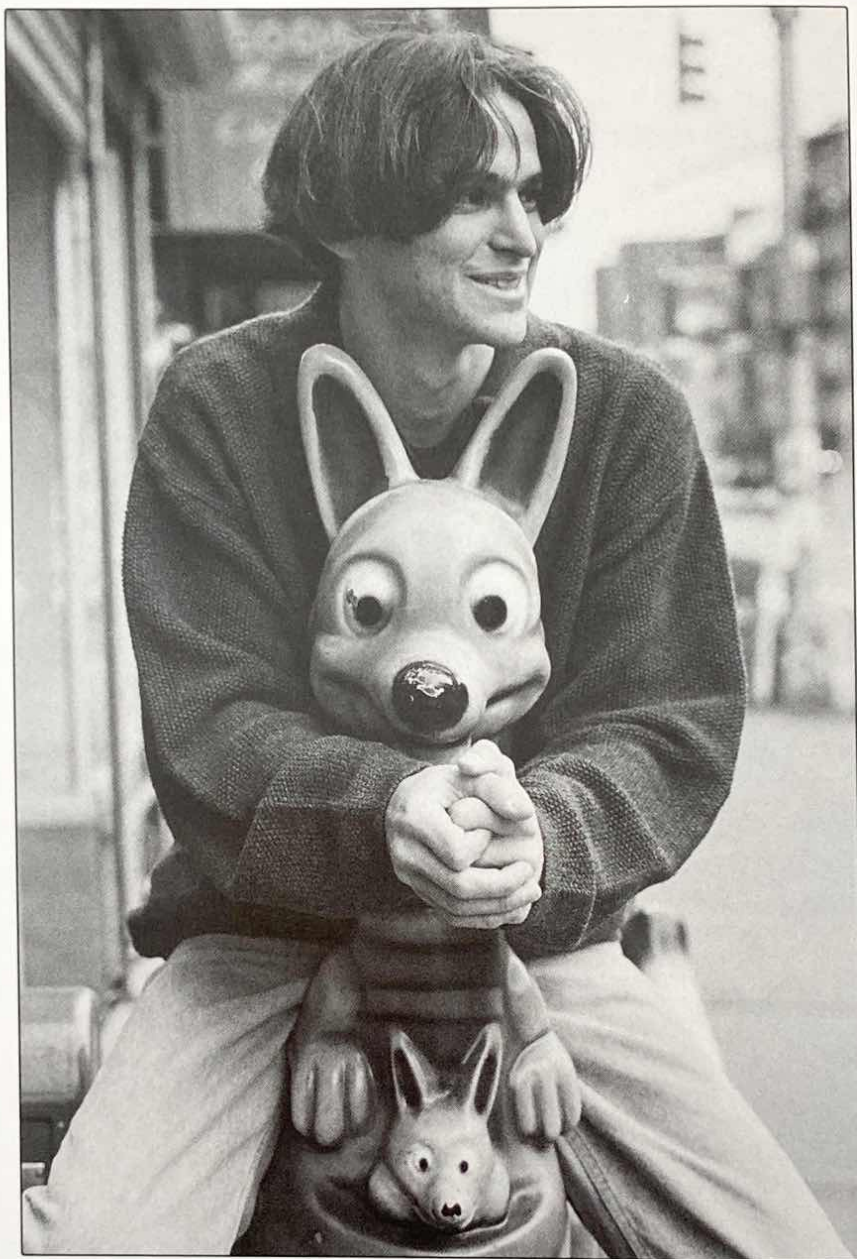
Guarav Munjal



Patrick M. Murphy

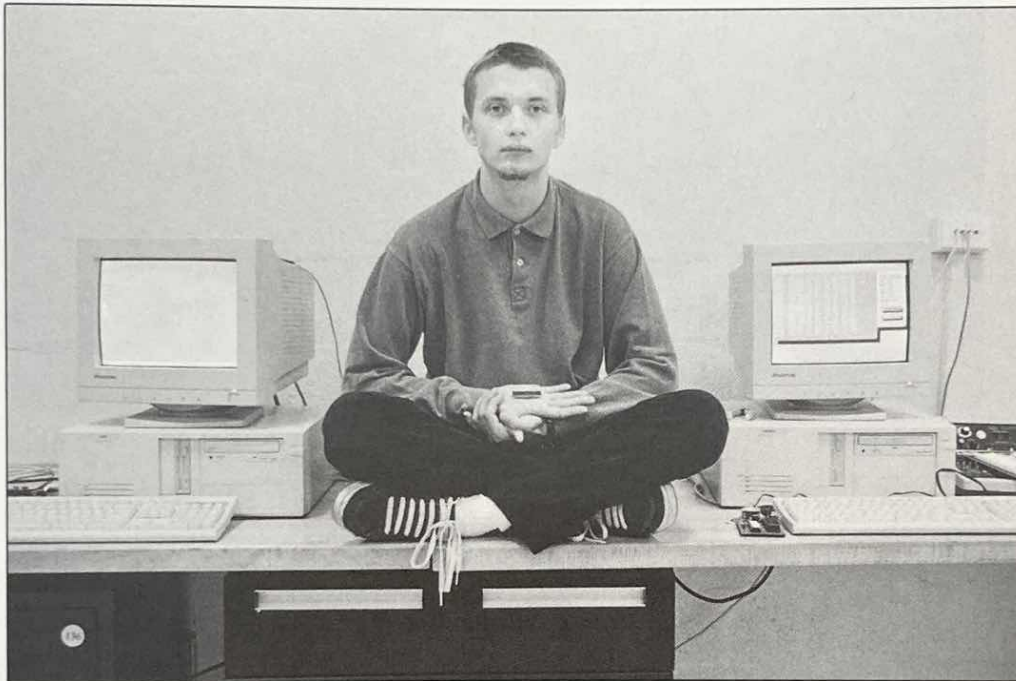
81





Efrem Ron Orgel

The way shown of the **photograph** is the way I want to be remembered.

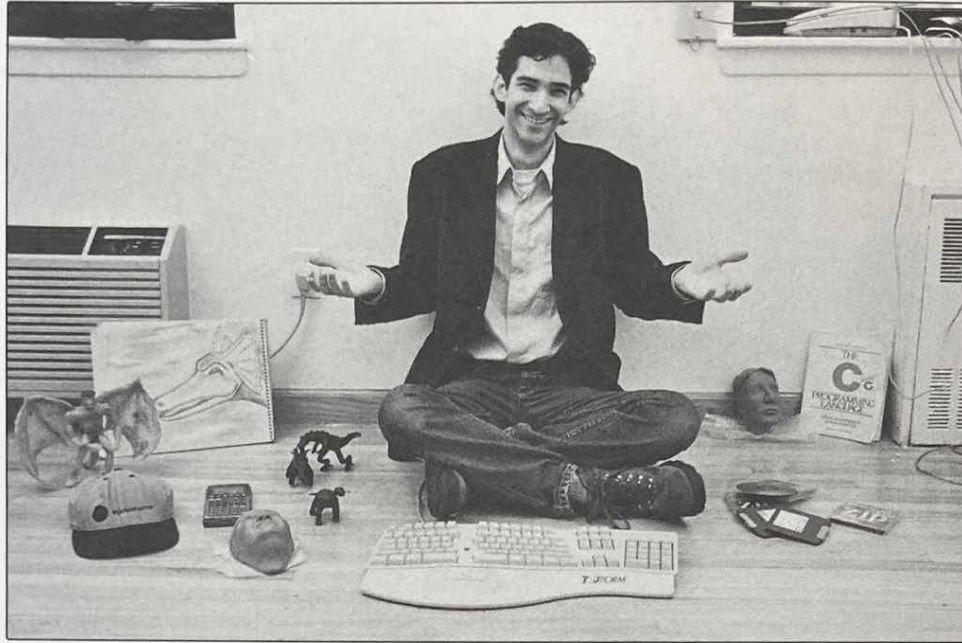


83

Marcin Osiecki

"Grey man" from the back row.
Please, don't cry for me Cooper.

I'm out there enjoying my life.



Gedalia Pasternak

Questions on my wall:

Who are you?

Who do you want to be?

Who will you become?

Answers so far:

Dunno, haven't a clue and 42

— God is a Great Comforter of Parsnips

Sleep now?

Please



85

Mark Payne

Nadia Pervez

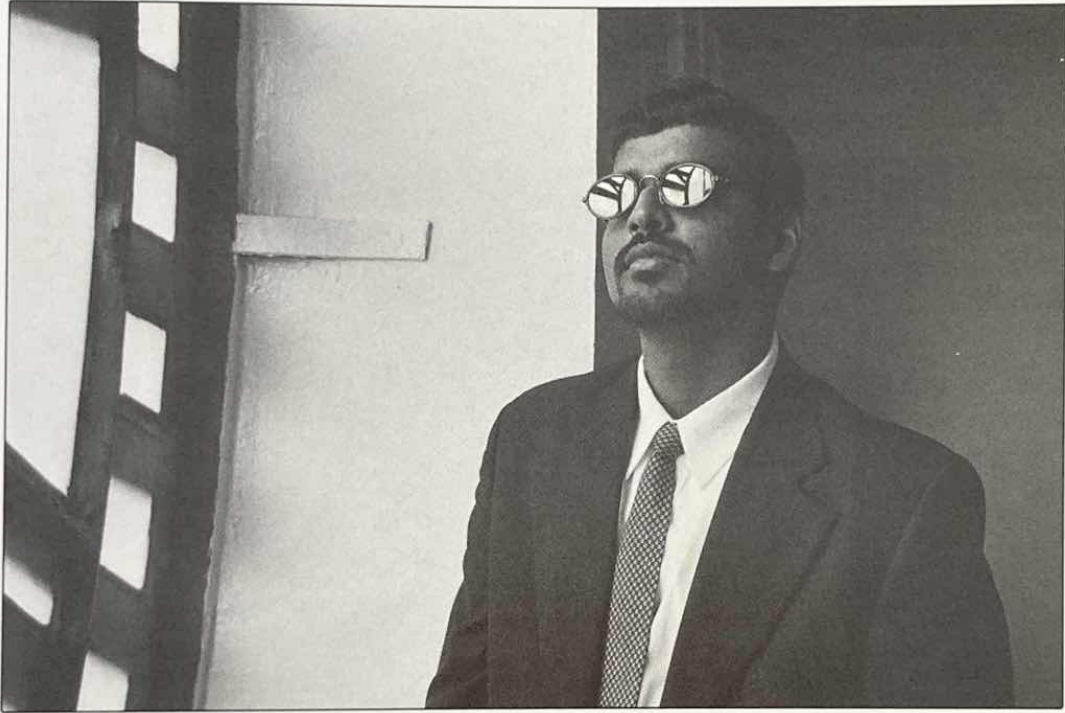
Your **semi-trained** minds
are making some kind
of **visual link** between
what I've been
talking about here and
what **you've seen** in some other class.
Clearly it's $1/2$...
the integral of x^2 is $x^3/3$ and uh...

Alright,
if any word of this leaves this room,
I will **fail** you all.

— Alan Wolf



Fisal A. Rahman

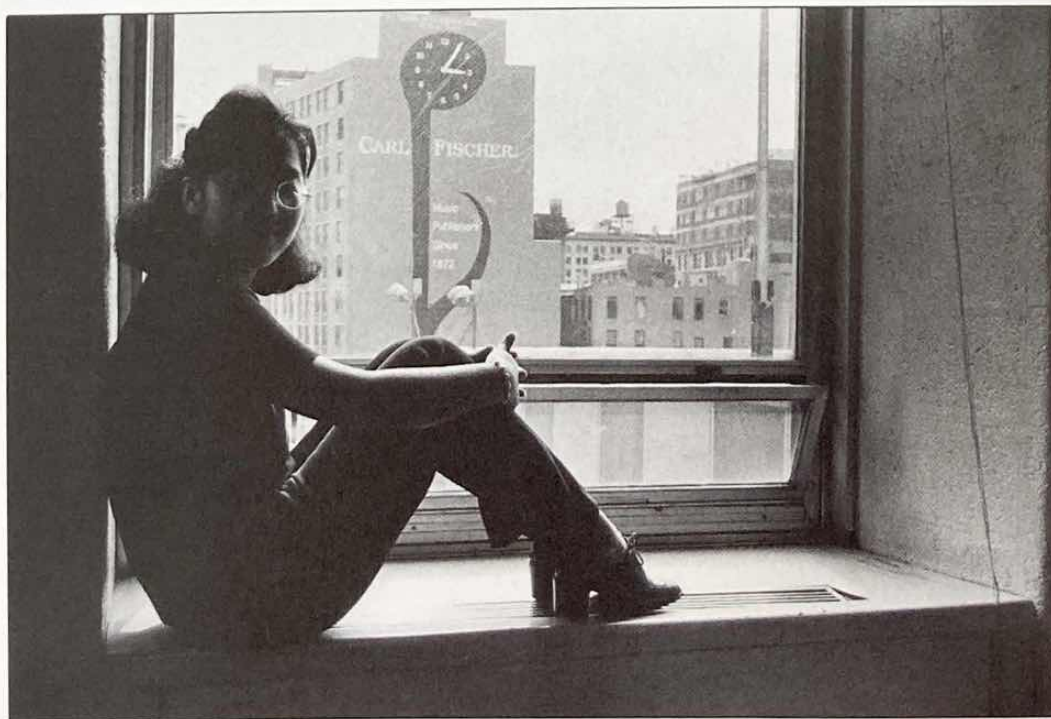


87

As the wheels keep spinning
and the gears keep turning,
I will be forever grateful.

To my family,
friends,
and Cooper Union,

Thank You



Niny Rao



Piotr Redlinski



Jeff Regan

“ If you gonna spread mathematics,
spread it right”

— Wu-Tang Clan

“ That monkey’s going to pay”

— J. Frincke



91

Matthew Barrett Richmond

“This is the result...
Not bad?
Do you like it?
Alberto Giacometti always said that
you have to take a beating every day
to know where the work is,
well there I am...”

– Henri Cartier Bresson



92

Miguelina Rivera



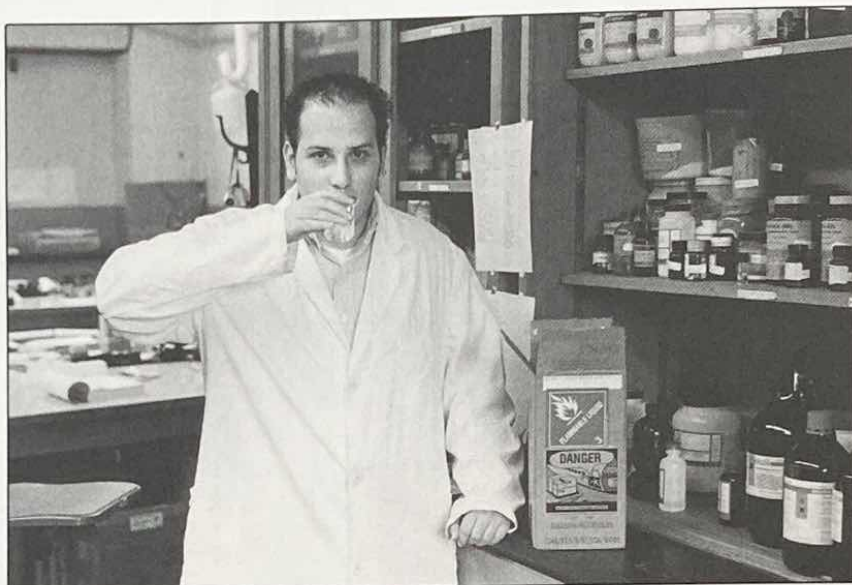
93

Jessica Robinson





Marinela



Ruben Mario Savizky

Some **memories** of Cooper:

late nights
kondo
questions that can't be answered
answers that can't be questioned
irv et al
good friends
504 - my home away from home
conversations with 16 other ChE's

"Everybody gets out alive"

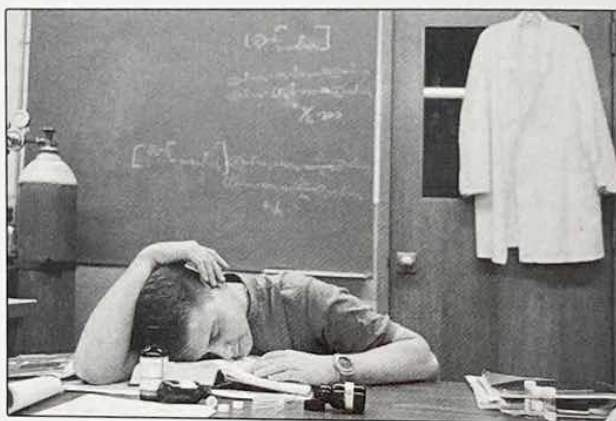
Daniel Sawycky

Many Thanks to:

Mom & Pop for your tolerance,
the ME's, we were in this together,
the CE's, you know how to have a good time,
Peter, you've got a good school here.



A building is only as strong as its foundation.

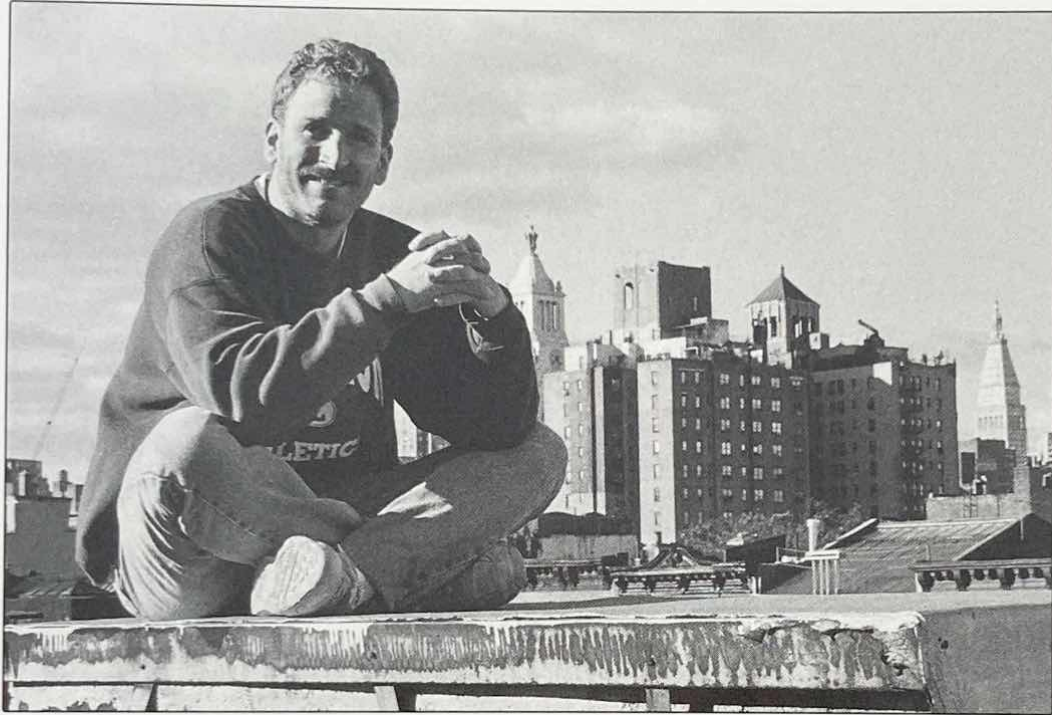


Todd Schroeder

Know what I pray for?
The strength to change what I can,
the inability to accept what I can't,
and the incapacity to tell the difference

– Calvin

So maybe they're not
words to live by, but
who's going to argue
with someone who's
going to be 6 forever?



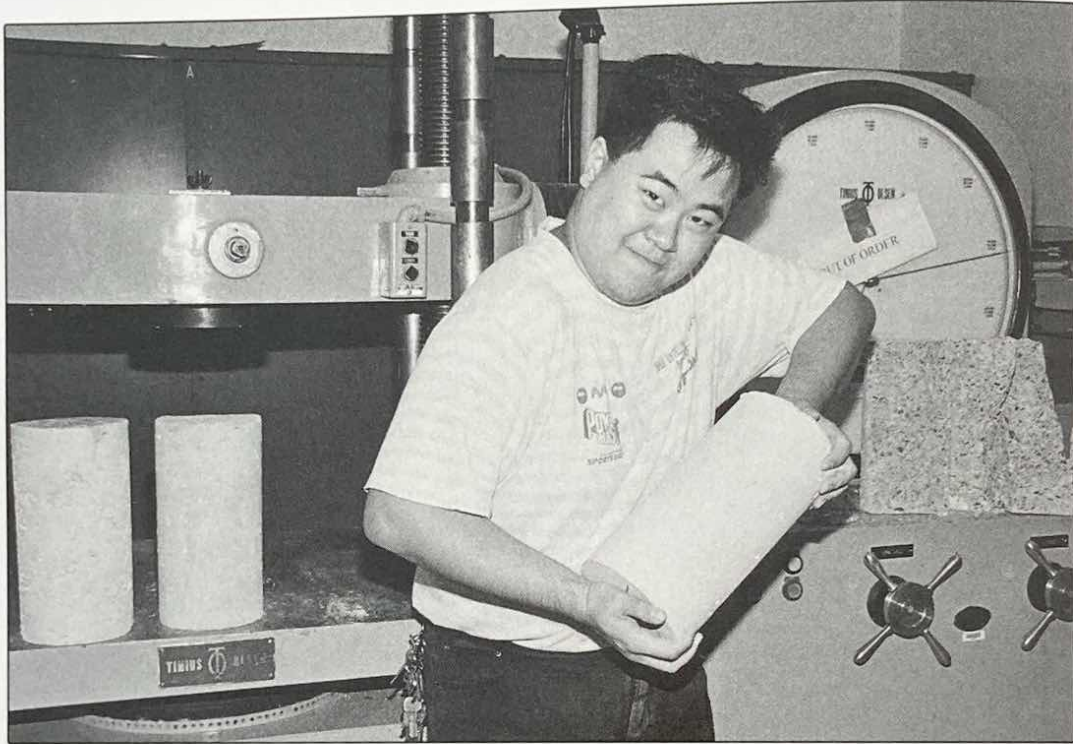
99

Raymond P. Searles

I would like to thank all my
wonderful friends who
welcomed me into their lives,
even though being older I felt like an outsider.

Never stop learning,
because I do not want your intelligent minds to go to waste.

Thank you Molly. Gid ee Up.



Ken Shih

At Cooper, our real problem was time.

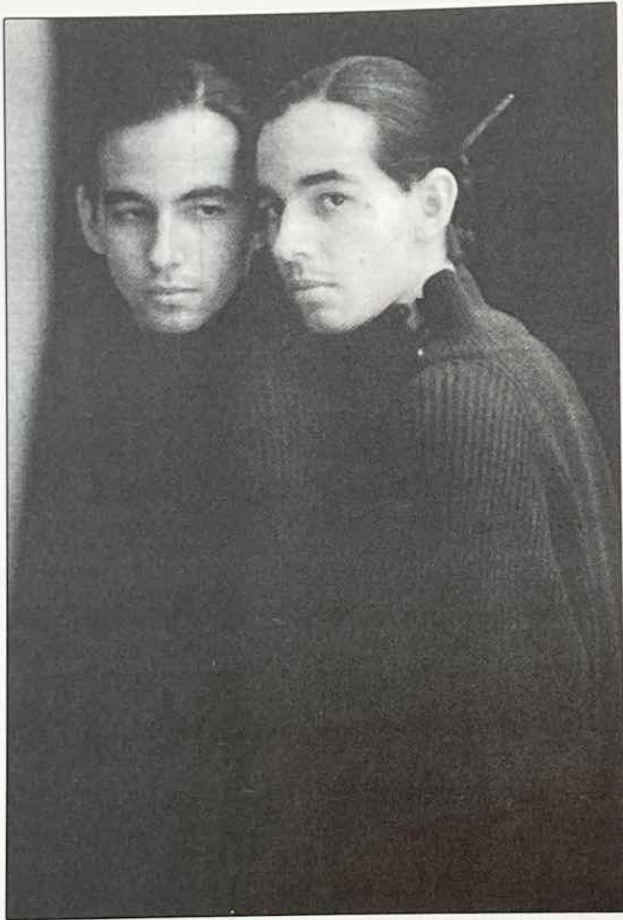
I'm certain that everyone knows exactly what I mean.
We never seem to have enough of it.
In essence, make the best of it and move on,

And don't forget to **smile!**



101

Kent Shum



André Soluri



Did time for seven years.



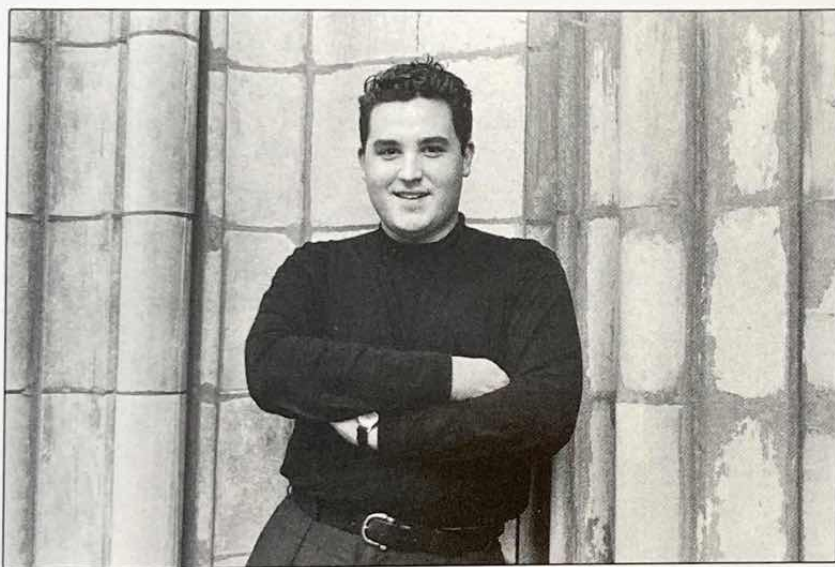
It's about time I got out.

Steve Son

103



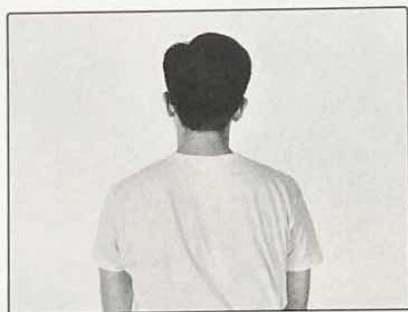
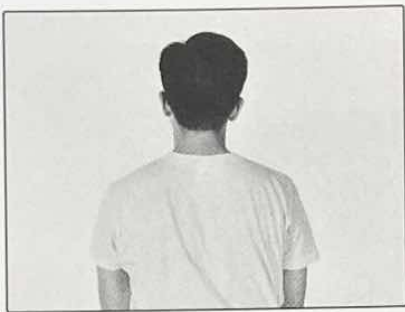
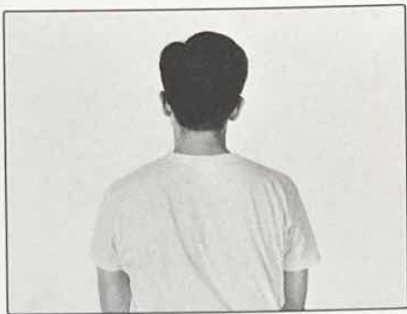
Theo A. Steward Stand



105

Thaddeus Strassberger

Dove sono ?



106

Joseph Su



Andrew Suwidji

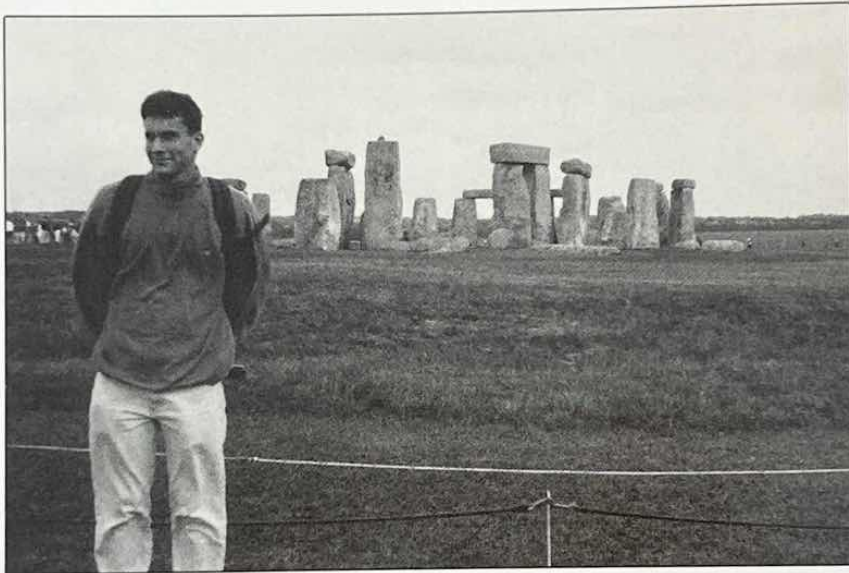


107

Trust in the Lord with all your heart and
lean not on your own understanding;
in all your ways acknowledge him,
and he will make your paths straight.

– Proverbs 3:5-8

Smile! Jesus Loves You!



108

Paul R. Sweeney

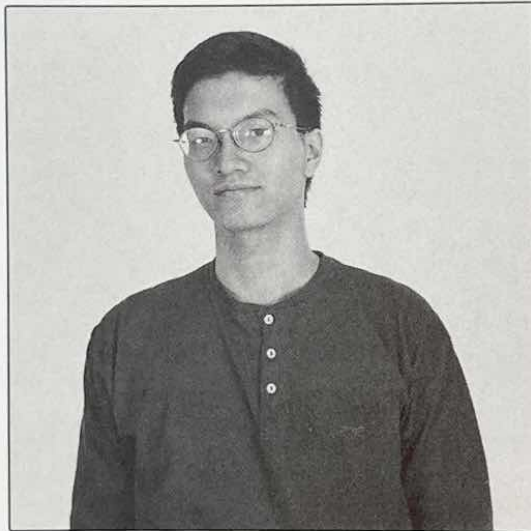


109

Joseph J. Tagliaferro

Giddy Up!

I wish to thank my family, friends,
and other individuals who have made
my Cooper experience an interesting one.



110

Stephen Tang

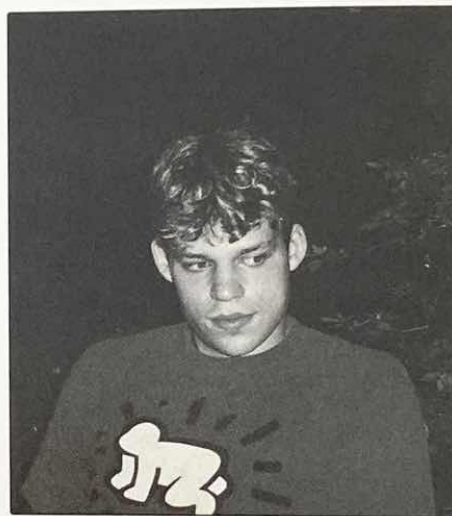
There is nothing permanent except change.
— Heraclitus

A journey of a thousand miles
must begin with a single step.
— Lao Tzu



111

Prathima R. Thumma



Nicholas Theodore Toulouse



Francis Uy



Javier Velez Cuellar



John Vondracek



116

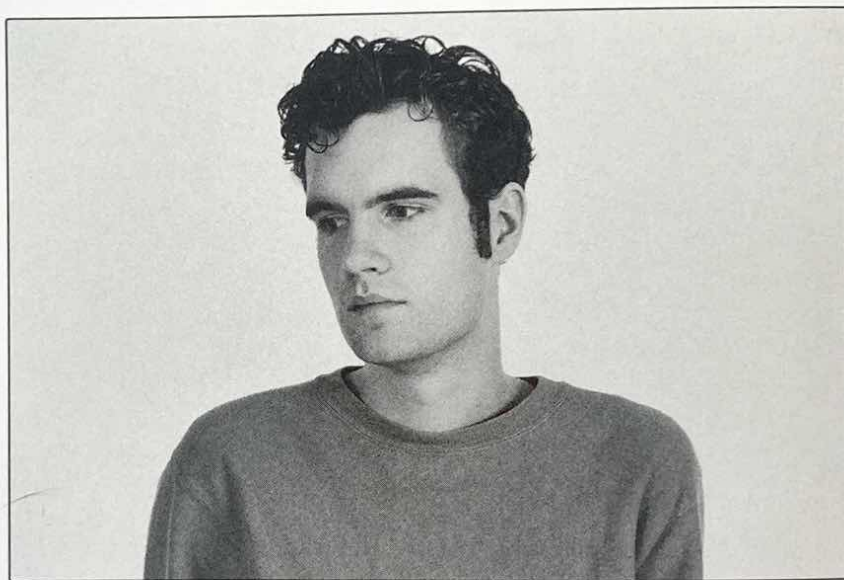
Susan Wei



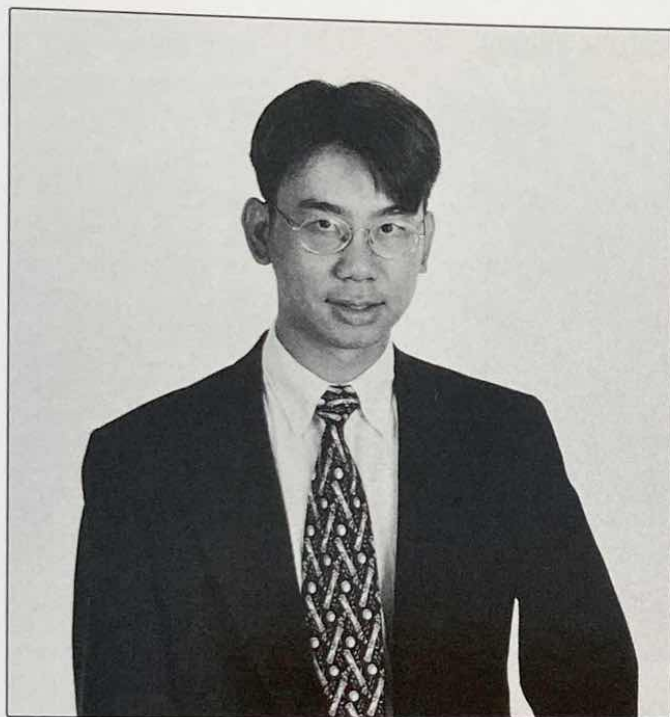
117

Yueyue Wenren

I Appreciate...



Bryan Richard White

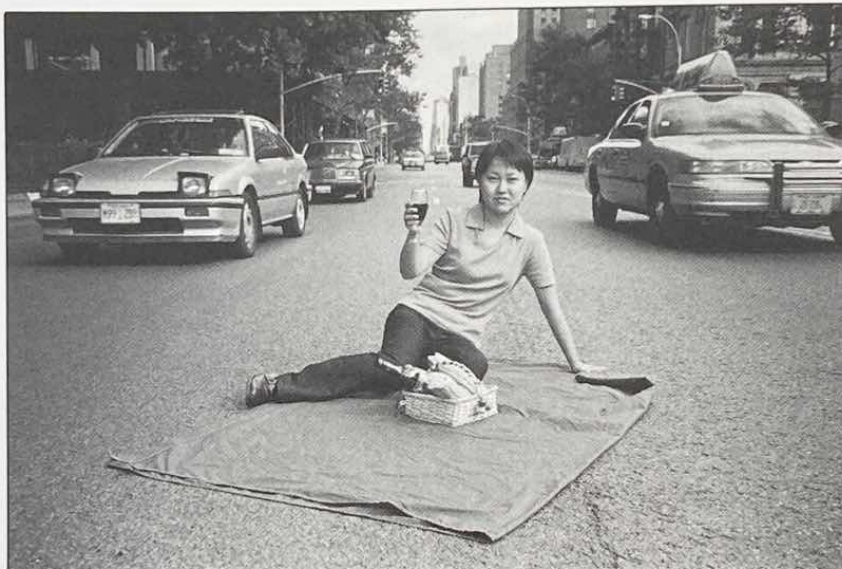


119

David Wong

```
int i;main(){for(;i["]<i;++i)
{-i;}"];read('-'-',i+++ "hello,
world!\n",'/'/'/')));}read(j,i,p)
{write(j/p+p,i--j,i/i);}
```

Wanda Wong



120

Who says we don't have a campus? Cheers!

"This is the day that the Lord has made;
let us rejoice and be glad in it."

– Psalm 118:24

"Whether you eat or drink or whatever you do,
do it all for the glory of God."

– Corinthians 10:31



121

Johnny Wu

Through these years,
my passions not sated,
my desires not quenched,
my spirit wearied
but never extinguished.

Over these years,
how my spirit burned.

Now my spirit is free,
I will spread its fiery wings
and show the world its beauty.



Kristie Yu

In **this world**, there is nothing more
important than friends and family.

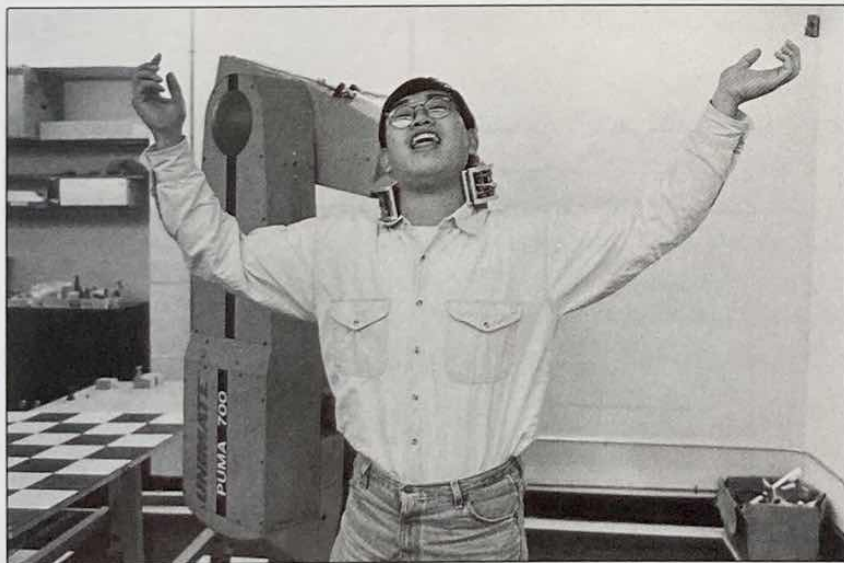
At **Cooper Union**, I've made
many friends for life.

I wish them the best of luck for the future.

Remember to always
believe in yourself,
work hard,
have fun, and
play to win.

"Bing"

123



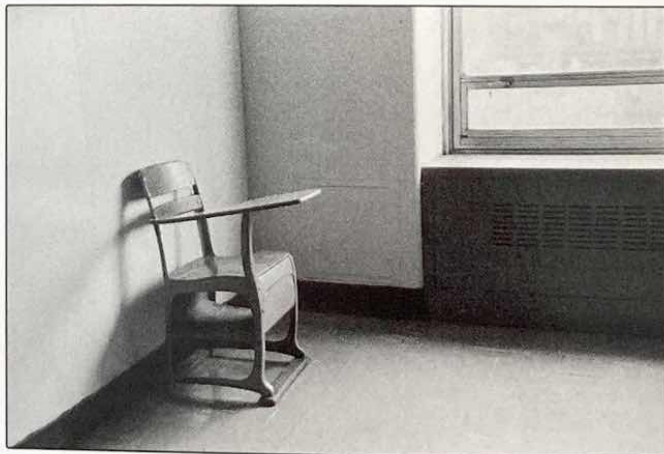
Felicia Zusman



124

This bridge will only take you halfway there
To these mysterious lands you long to see:
 Through gypsy camps and swirling Arab fairs
 And moonlit woods where unicorns run free.
So come and walk awhile with me and share
The twisting trails and wondrous worlds I've known.
But this bridge will only take you halfway there—
 The last few steps you'll have to take alone.
—Shel Silverstein

126



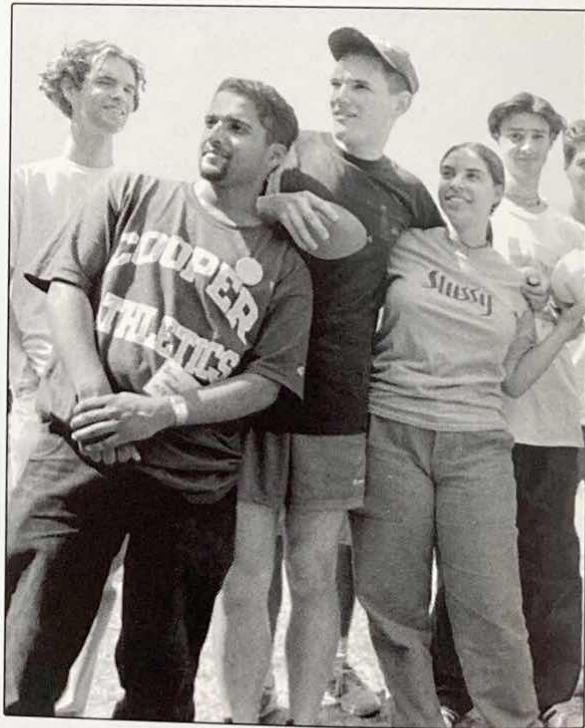
Missing Persons

School of Architecture Tom Abraham, Wyndham Carlisle, Sandra Donner, Grigori Fateev, Kenneth Gilkes, Glenn Goble, Frank Jacobus, Michelle Krochmal, Carlos Little, Aimee Lopez, Anthony Titus,

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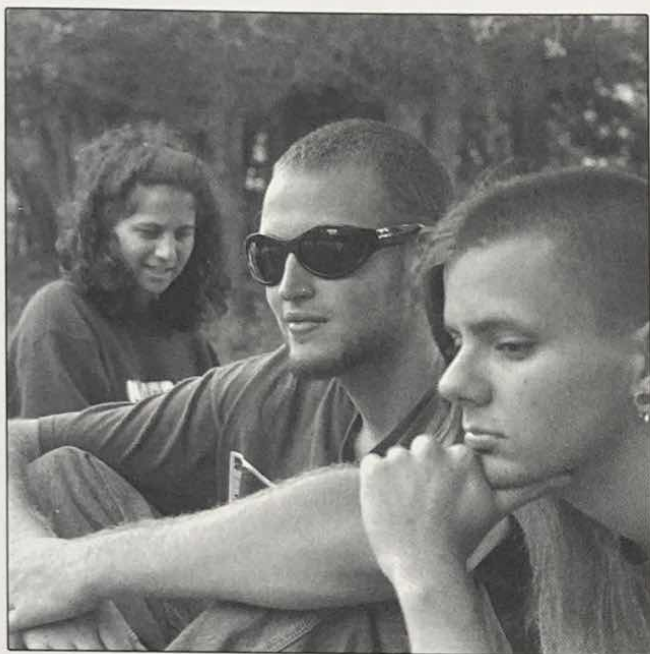
School of Art Gavin Anderson, Brian Booth, Jeremiah Coyle, Benjamin Degen, Laban Eilers, Barbara Garcia, Aramis Gutierrez, Henry Hughes, Yolim Khoo, Jena Kim, Brian King, Grace Lee, Jason Lewis, Megan MacKay, Jessica Manco, Brock Manke, Yuri Masnyj, Richard Mathelier, Henry Membreno, John Menick, Amy Muldoon, Laura Napier, Jacqueline O'Neil, John Ralston, Kim Reinhardt, Camilo Rojas-Lavado, Molly Scanlon, Andrew Schauer, Alison Schmidt, Zachary Smith, Leslie Snoke, Megan Sullivan, Catherine Tafur, Justin Valdes, Nichole Van Beek, Sara Vanderbeek, Anton Vojacek, Mara Wasielewski, Alice Wu, Kristina Zito,

School of Engineering **CE** Derek Constable, Brian Foote, Soowook Lee, Larry Pappas, David Reis, George Xerakias, **EE** Vladislav Ruchinsky, Hang Fai Shum, Jian Bo Yu, **ME** Robert Dickey, Edy Moscoso, Gregg Thompson, **BSE** Jack Yukung Chen, Enas Faseeh













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School of Architecture Annisia Cialone 23, Renee Ferguson 35,
Erinn Fitzgerald 37, Helmina Kim 58, Linne Lalire 63, Don Lawrence 65,
Piotr Redlinski 89, Andre Soluri 102, Steve Son 103, Susan Wei 116

School of Art Eric Azcuy 11, Heather Cahoon 15, Masha D'Yans 26,
Nekisha Durrett 32, Sean Elwood 33, Jason Gonzalez 41, Natalia Griffin 43,
Sara Haskins 45, Katan Iskhakov 50, Courtney Jimerson 52, Joanna Kelly 55,
Banghan Kim 56, Iris Lapas 64, Mark Payne 85, Matthew Richmond 91,
Miguelina Rivera 92, Alicja Salwa 94, Theo Steward-Stand 104, Nicholas
Toulouse 112, John Vondracek 115

Handwritten text, likely bleed-through from the reverse side of the page. The text is illegible due to fading and is arranged in several lines.

School of Engineering BSE Eugene Agichtein 8, Gloria Cheng 17, Jenny Cheng 18, Sean Cusack 25, Charles Daniel 27, Ashwin Jathavedam 51, Gedalia Pasternak 84, Thaddeus Strassberger 105, Stephen Tang 110, David Wong 119, Felicia Zusman 124 **ChE** Scott Alcid 9, Denise Bergin 12, Stacey Bhaerman 13, Teodoro Fernandez 36, Nicole Kahl 54, Ellen Li 67, Kelley Lowery 72, James Merizio 76, Niny Rao 88, Jessica Robinson 93, Ruben Savizky 96, Todd Schroeder 98, Joseph Su 106, Paul Sweeney 108, Bryan White 118, Wanda Wong 120 **CE** In-Hwan Chang 16, Michael Dominelli 30, Robert Forstner 38, Michael Gallagher 40, Amanda Hsieh 47, Lei Huang 48, Paul Inwards 49, Sanjeevane Joshi 53, Eubin Kim 57, Nuri Kim 59, Frank Krupicka 61, Brian Mills 78, Patrick Murphy 81, Ken Shih 100, Prathima Thumma 111, Johnny Wu 121, **EE** Sajan Abraham 7, Carrie Andre 10, Irene Bodonenko 14, Yee-Ming Chih 19, Kevin Chou 22, John Davis 28, Javier Del Castillo 29, Christopher Gracia 42, David Harron 44, Bhaskar Krishnamachari 60, Nandita Kundu 62, Michael Lin 68, Walter Lin 68, Gabriel Loh 70, Simon Lok 71, Stephen Lu 73, Jessica Mazouat 74, Gaurav Munjal 80, Marcin Osiecki 83, Nadia Pervez 86, Andrew Suwidji 107, Yueyue Wenren 117, Andrew Zentner 10, **ME** Doris Chin 20, Brian Chiongbian 21, Jack Craft 24, Sergio Dos Santos 31, Joseph Fedullo 34, Marc Frankel 39, Gregory Hebel 46, James Lee 66, Kristoffer McKee 75, Sally Mikhail 77, Omar Moustafa 78, Efrem Orgel 82, Fisal Rahman 87, Jeffrey Regen 90, Marinela Sánchez-Maldonado 95, Daniel Sawycky 97, Raymond Searles 99, Kent Shum 101, Joseph Tagliaferro 109, Francis Uy 113, Javier Velez 114, Kristie Yu, 122, Bing Zhang 123



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